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ARO-16

East-West Solar Scans at 10-cm Wavelength Taken at the Algonquin Radio Observatory January 1980 to December 1985

M.B. Bell, H.P. Gagnon, and J.D. Moore

March 1986

Canada

NRCC 25466

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EAST-WEST SOLAR SCANS AT 10-CM WAVELENGTH TAKEN AT THE ALGONQUIN RADIO OBSERVATORY JANUARY 1980 TO DECEMBER 1985

M.B. Bell , H.P. Gagnon, and J.D. Moore

ARO-16
NRCC 25466

MARCH 1986

ABSTRACT

Solar scans at 10-cm wavelength and 1.5 minutes of arc east-west resolution, taken at the Algonquin Radio Observatory between January 1980 and December 1985 are presented. Also given is a list to date of all publications pertaining to the ARO solar multi-element interferometer.

RÉSUMÉ

On présente des données de balayages solaires effectués à une longueur d'onde de 10 cm et avec un pouvoir de résolution est-ouest de 1,5 minute d'arc qui ont été recueillies à l'Observatoire Algonquin de Radioastronomie (OAR) entre janvier 1980 et décembre 1985. On fournit aussi une liste à jour de toutes les publications relatives à l'interféromètre solaire à plusieurs éléments de l'OAR.

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EAST-WEST SOLAR SCANS AT 10-CM WAVELENGTH TAKEN AT THE ALGONQUIN RADIO OBSERVATORY JANUARY 1980 to DECEMBER 1985

M.B. Bell, H.P. Gagnon, and J.D. Moore

INTRODUCTION

This publication is a compilation of the east-west scans of the sun taken daily at the Algonquin Radio Observatory (W 78° 3'33", N 45° 56'43") with the multi-element interferometer and covers the observation period January 1980 to December 1985.

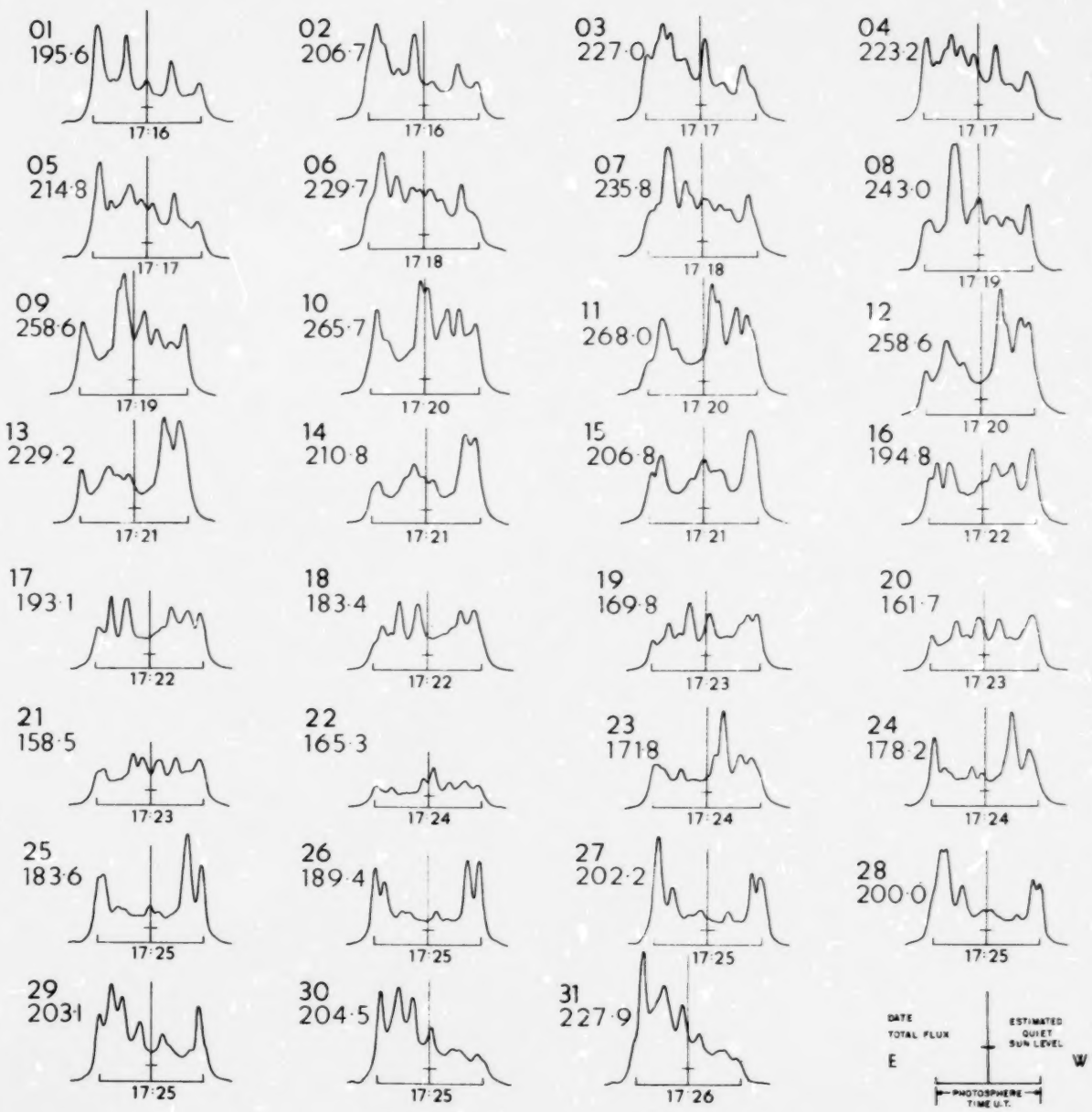
The antenna consists of an array of 32 3-meter paraboloids (Fig. 1) having interference fringes separated by approximately 1°. The zero order fringe on the meridian (where most of the curves are taken) has an east-west width of 1.5', but the width increases to 1.7' for fringes 30° from the meridian. The antennas are kept fixed during each drift curve to avoid changes in sensitivity due to scanning and an effort is made to maintain a constant sensitivity from one day to another. When necessary the receiver gain is adjusted to accommodate large fluxes.

The position of the limbs of the photosphere are indicated on each curve by the vertical bars at the ends of the horizontal line which itself represents the cold sky level. The estimated level of the quiet sun, shown at the center of the photosphere is based on an assumed quiet sun of 60 solar flux units (one solar flux unit = 10^{-22}Wm^{-2}Hz^{-1}). It has been estimated by comparing the area under the curve with the total solar flux observed daily at the same frequency at ARO. Since August 1973 the value of the quiet sun and burst flux has been included on each scan. The continuation of these daily observations has been made possible with the cooperation of the resident staff of the Algonquin Radio Observatory.

EAST-WEST SOLAR SCANS
JANUARY 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

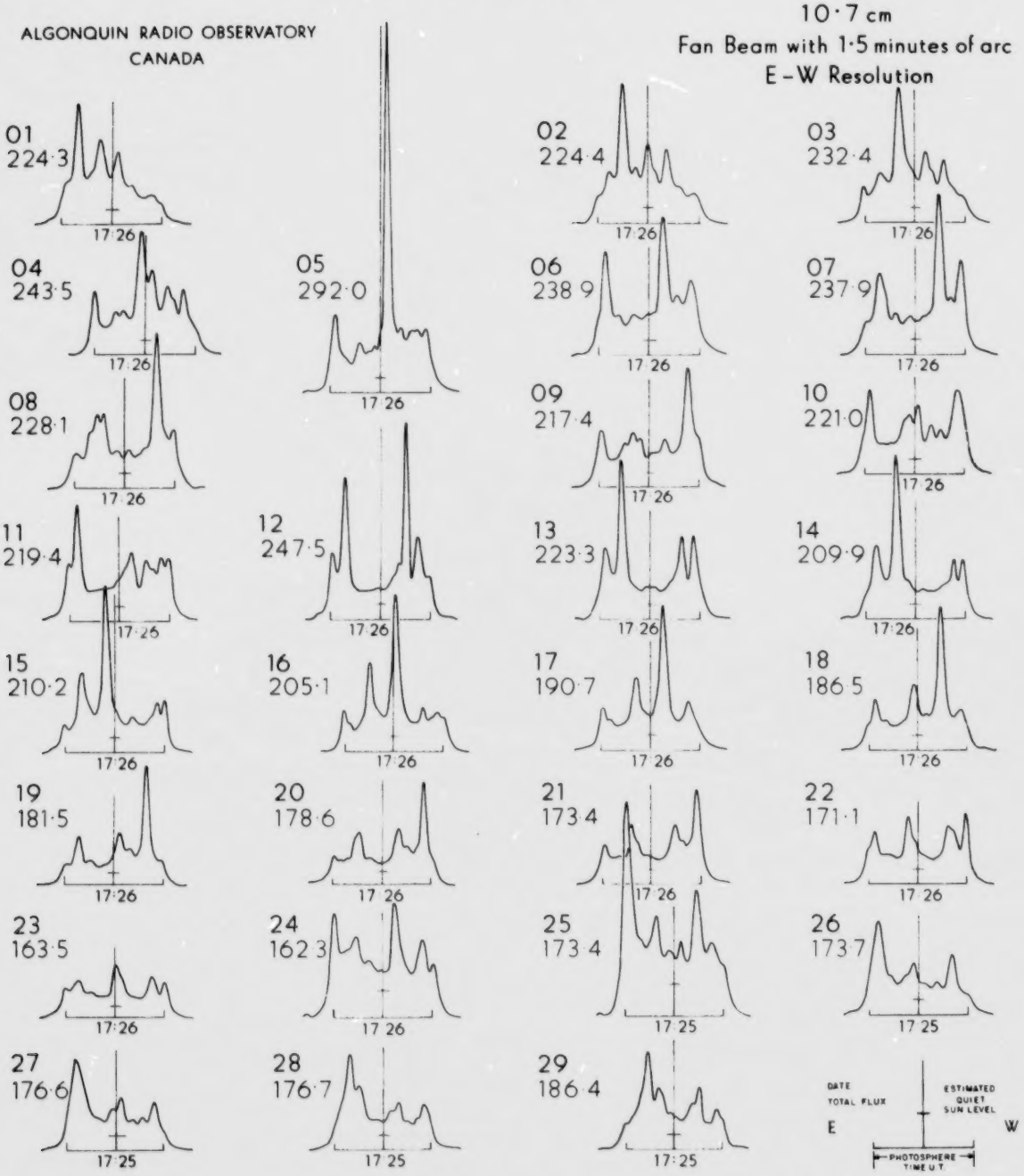
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
FEBRUARY 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

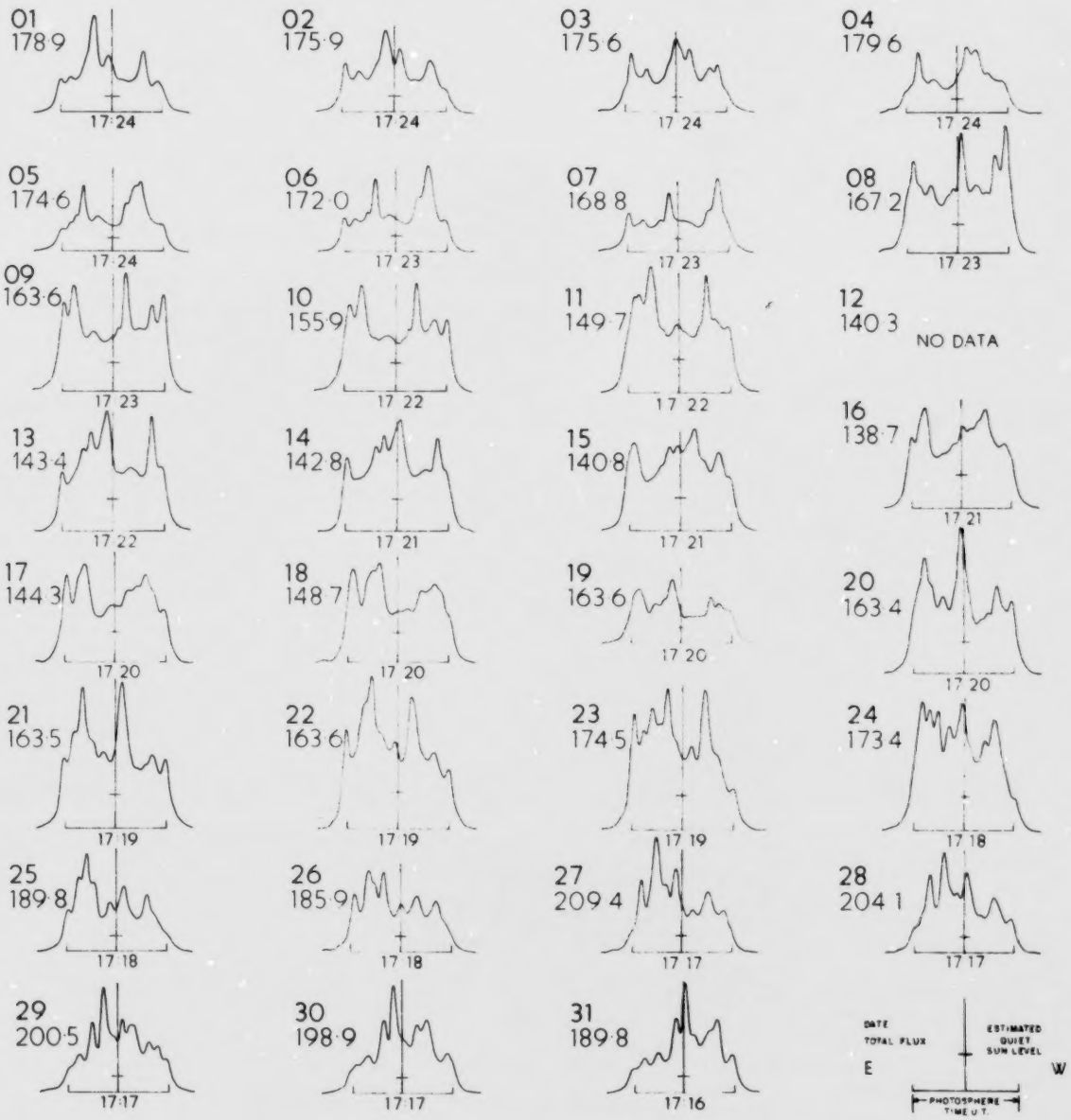
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
MARCH 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

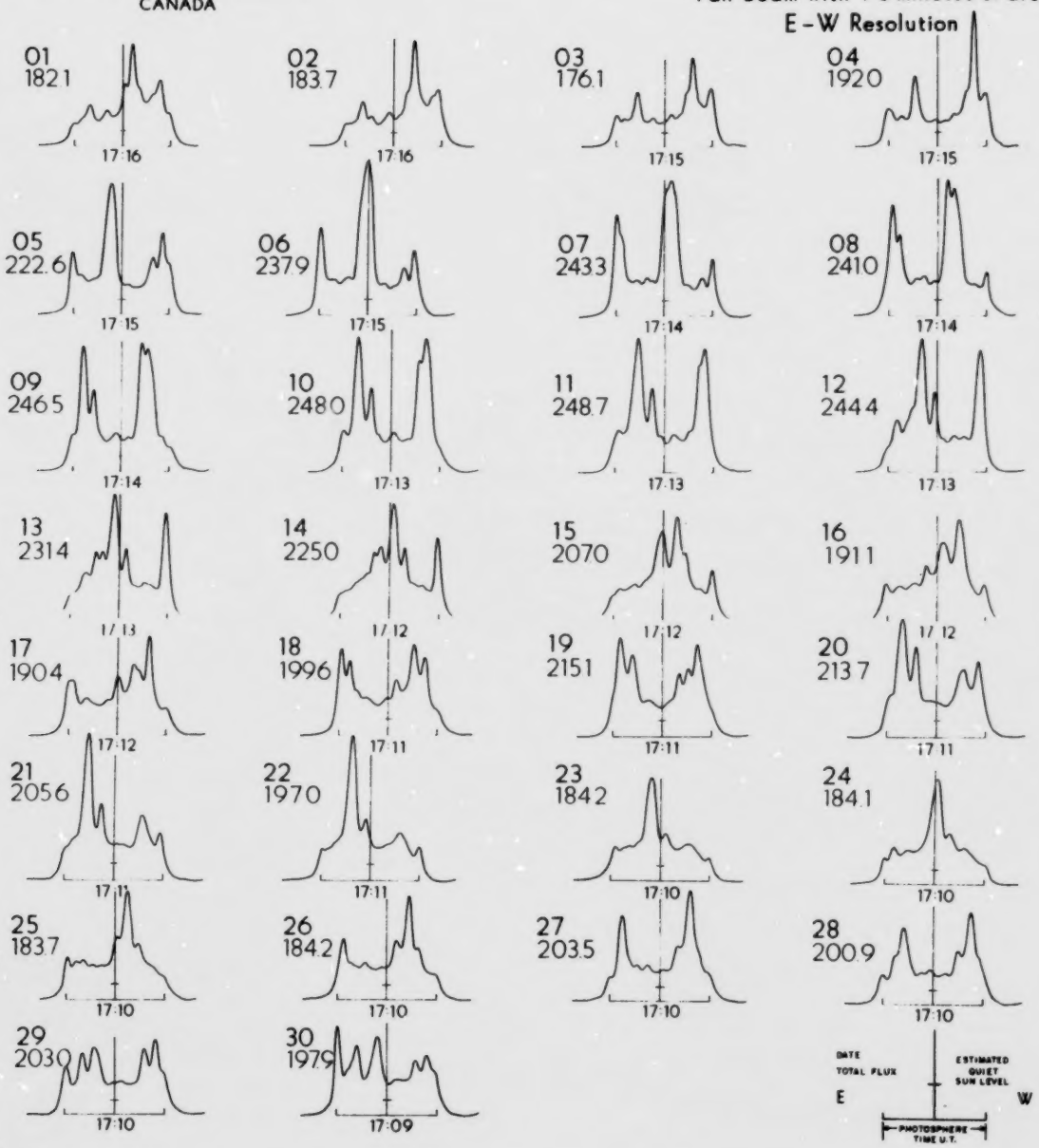


EAST-WEST SOLAR SCANS

APRIL 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

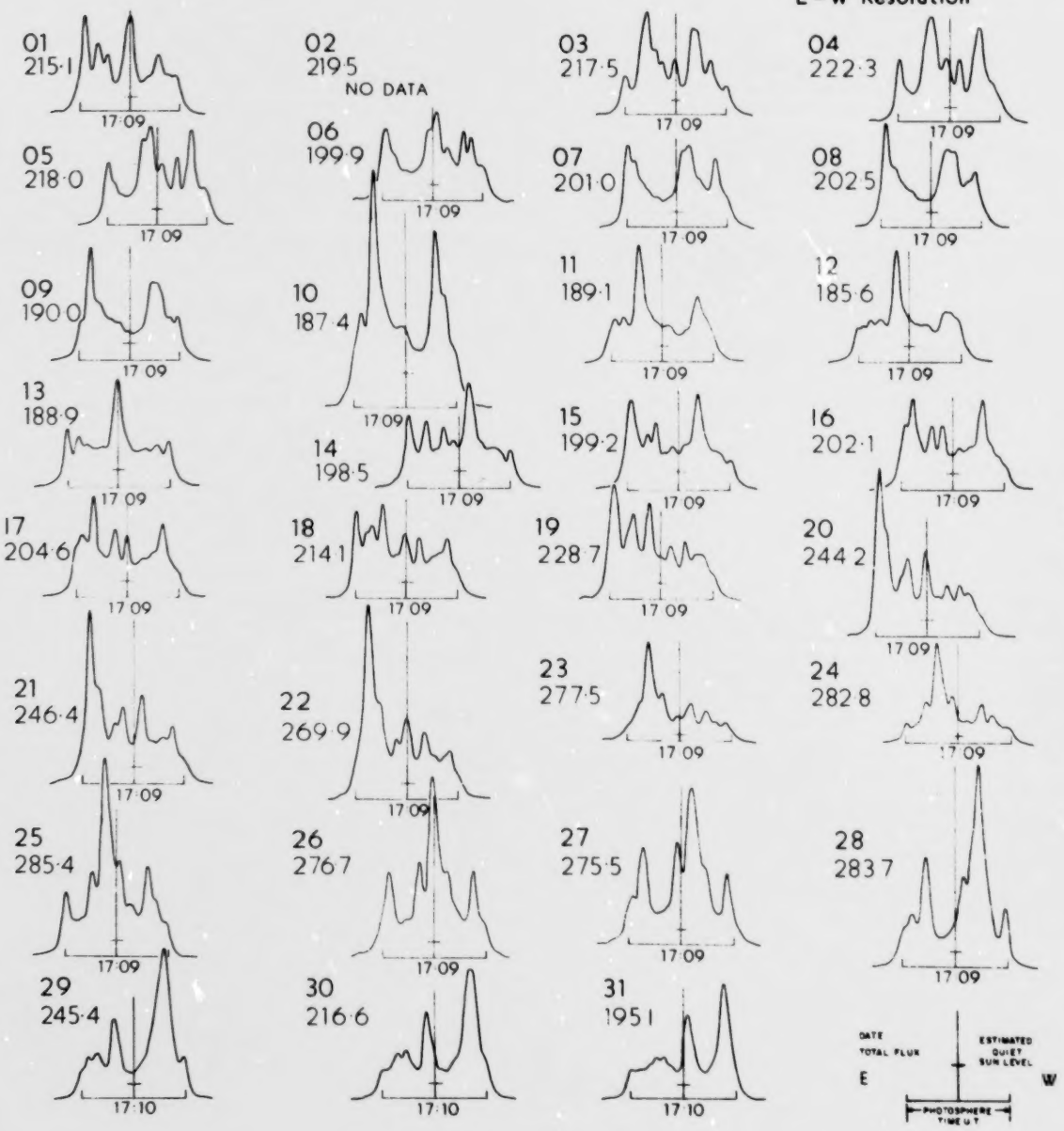


EAST-WEST SOLAR SCANS

MAY, 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

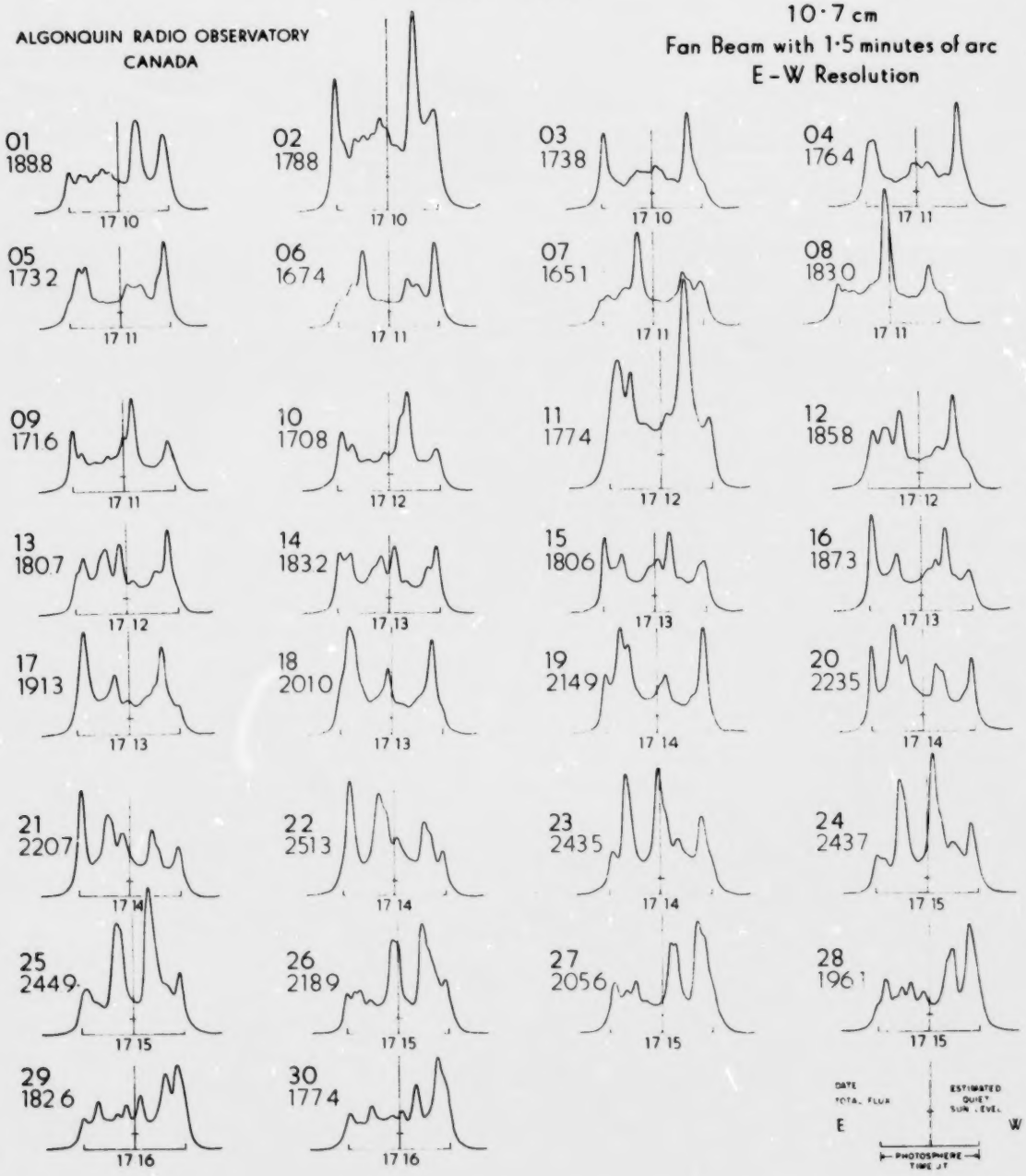
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
JUNE 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

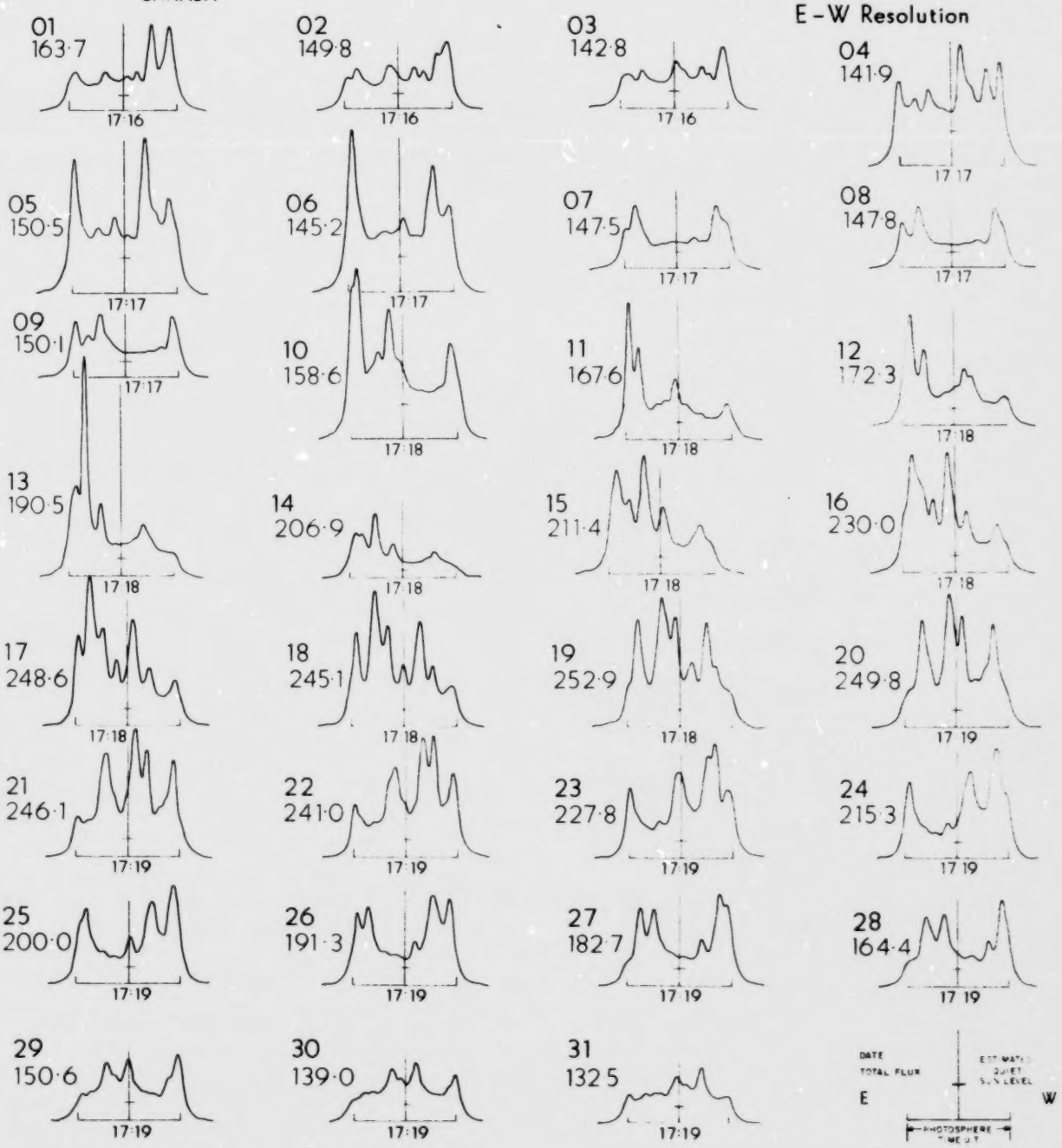


EAST-WEST SOLAR SCANS

JULY 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

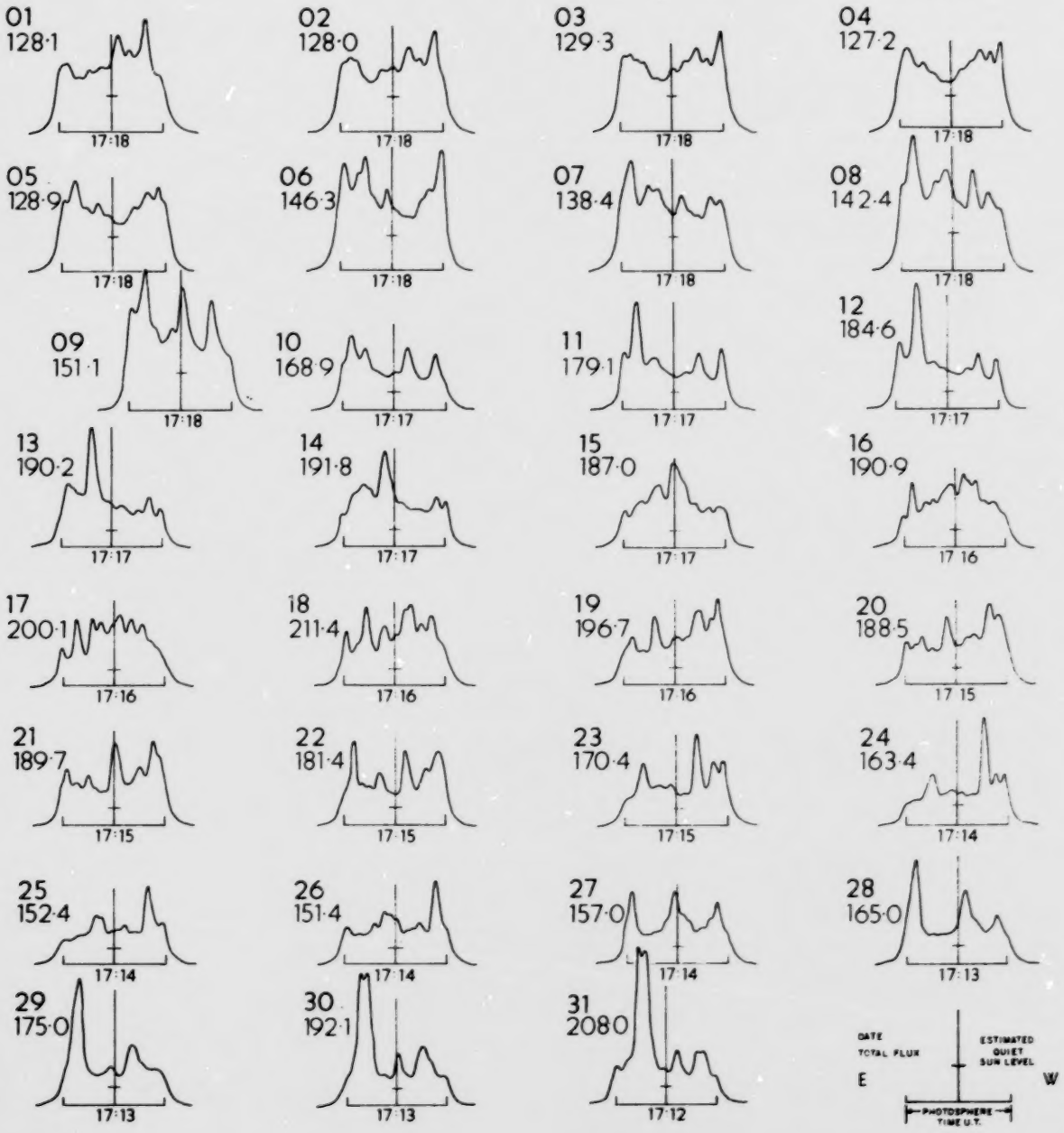
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
AUGUST 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

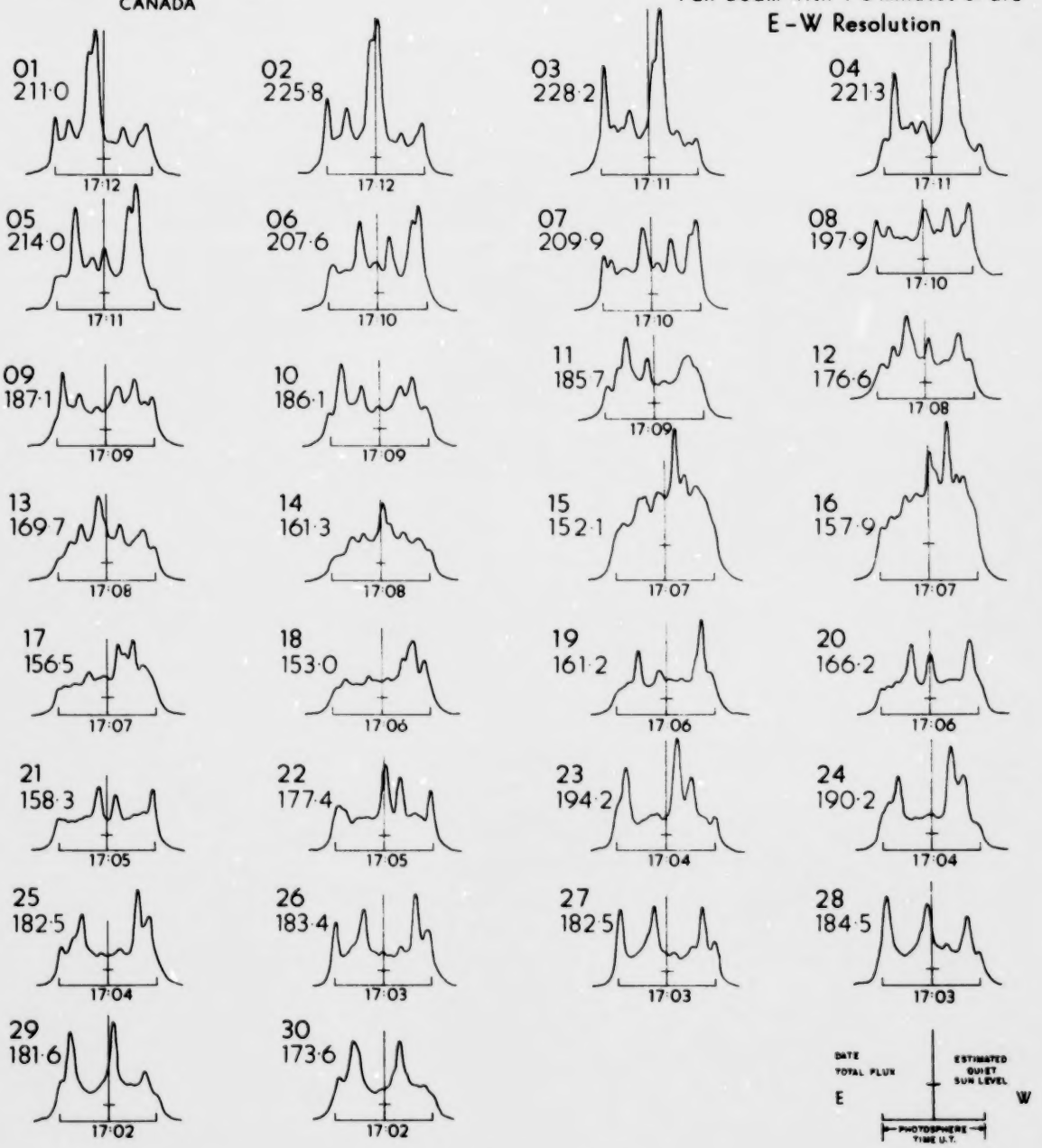
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
SEPTEMBER 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

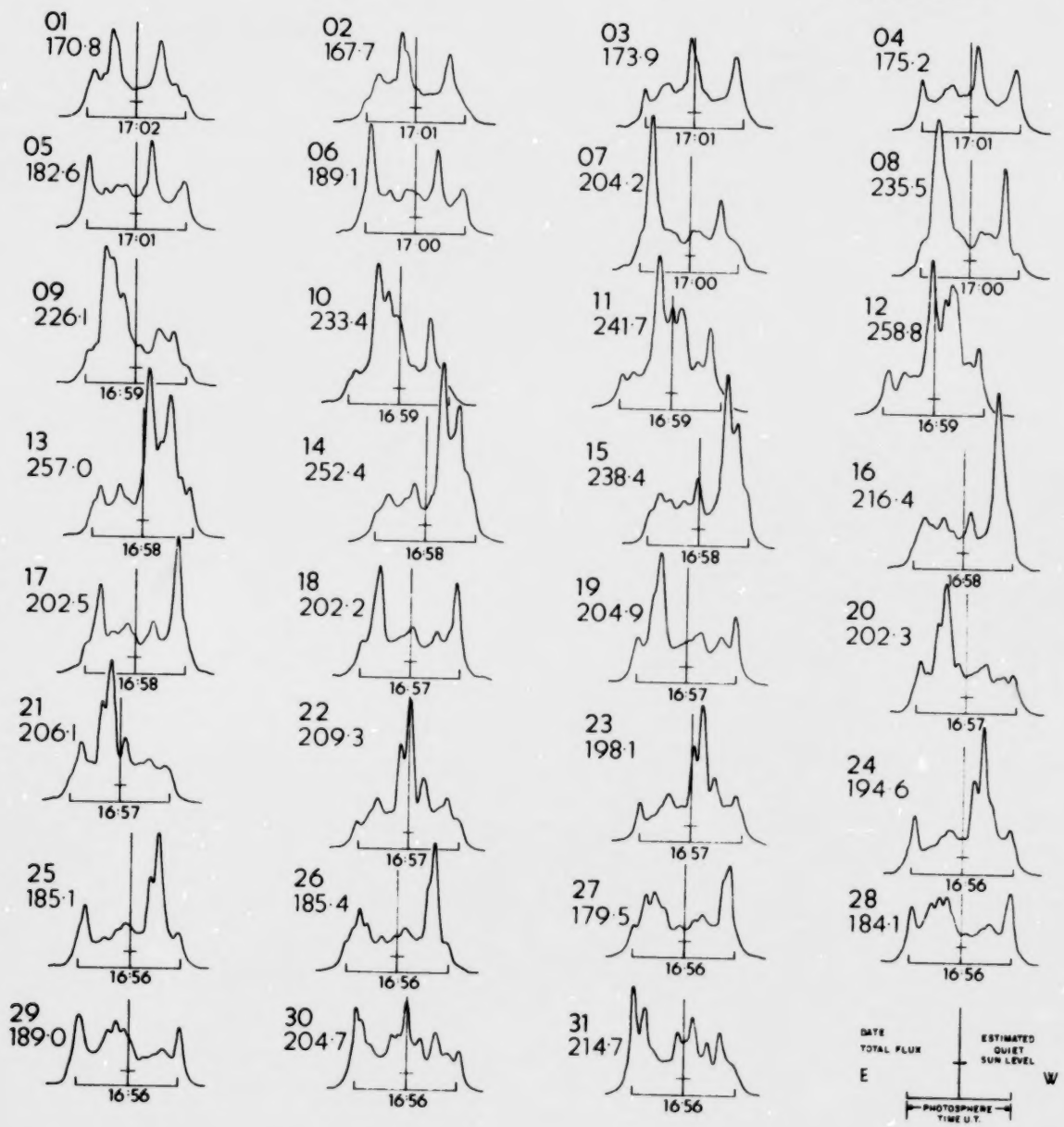
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
OCTOBER 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

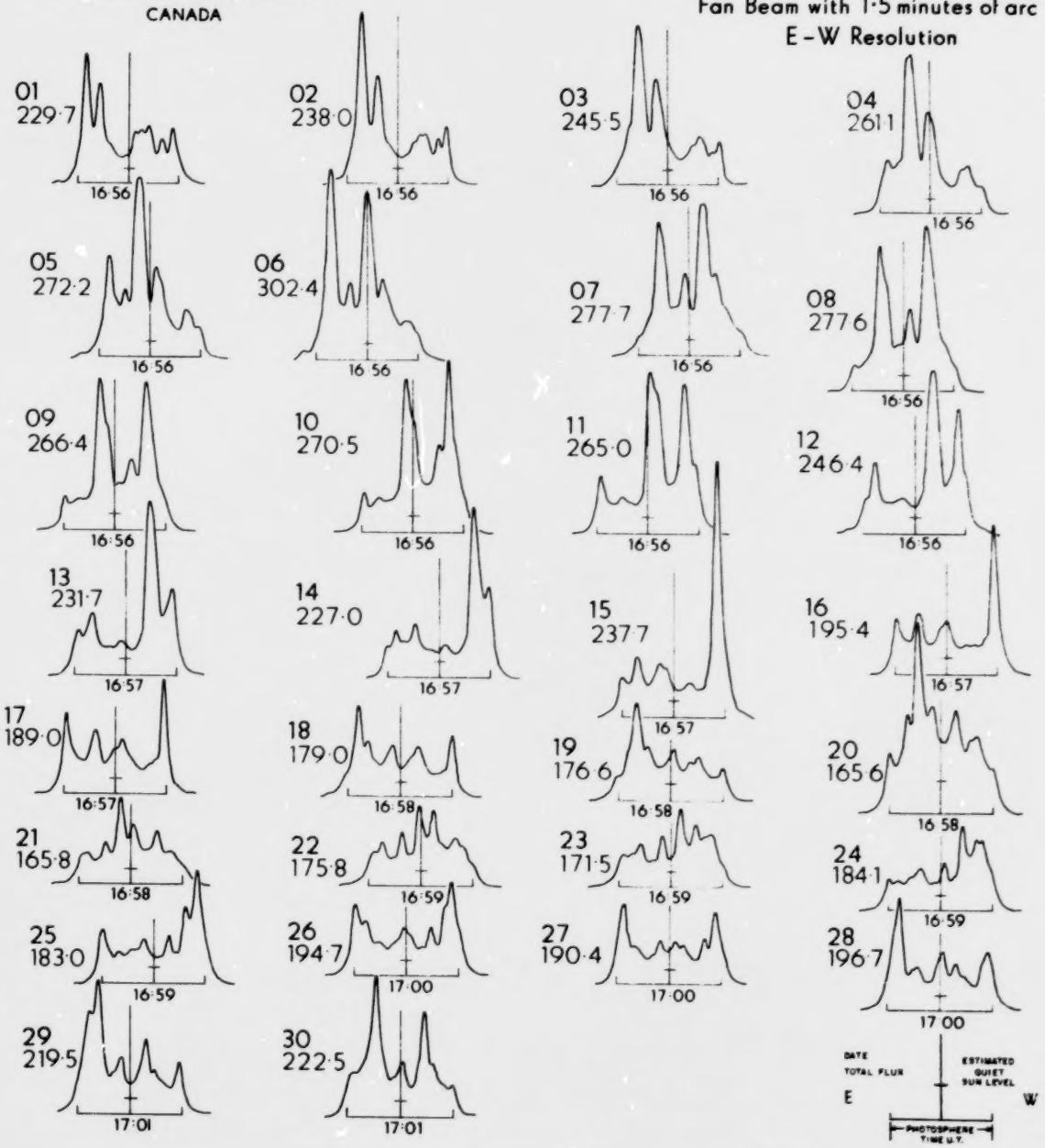
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
NOVEMBER 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

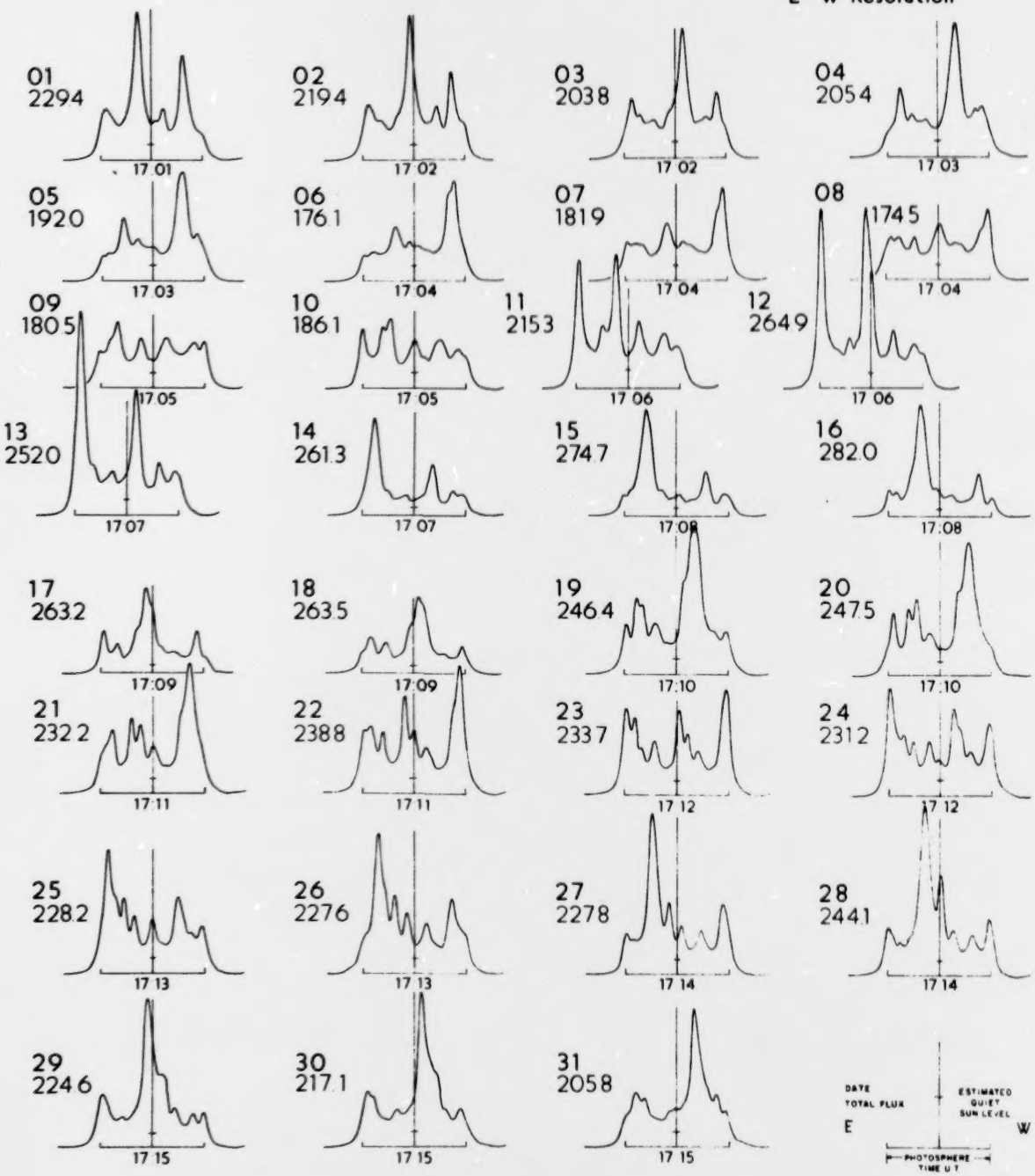
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
DECEMBER 1980

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

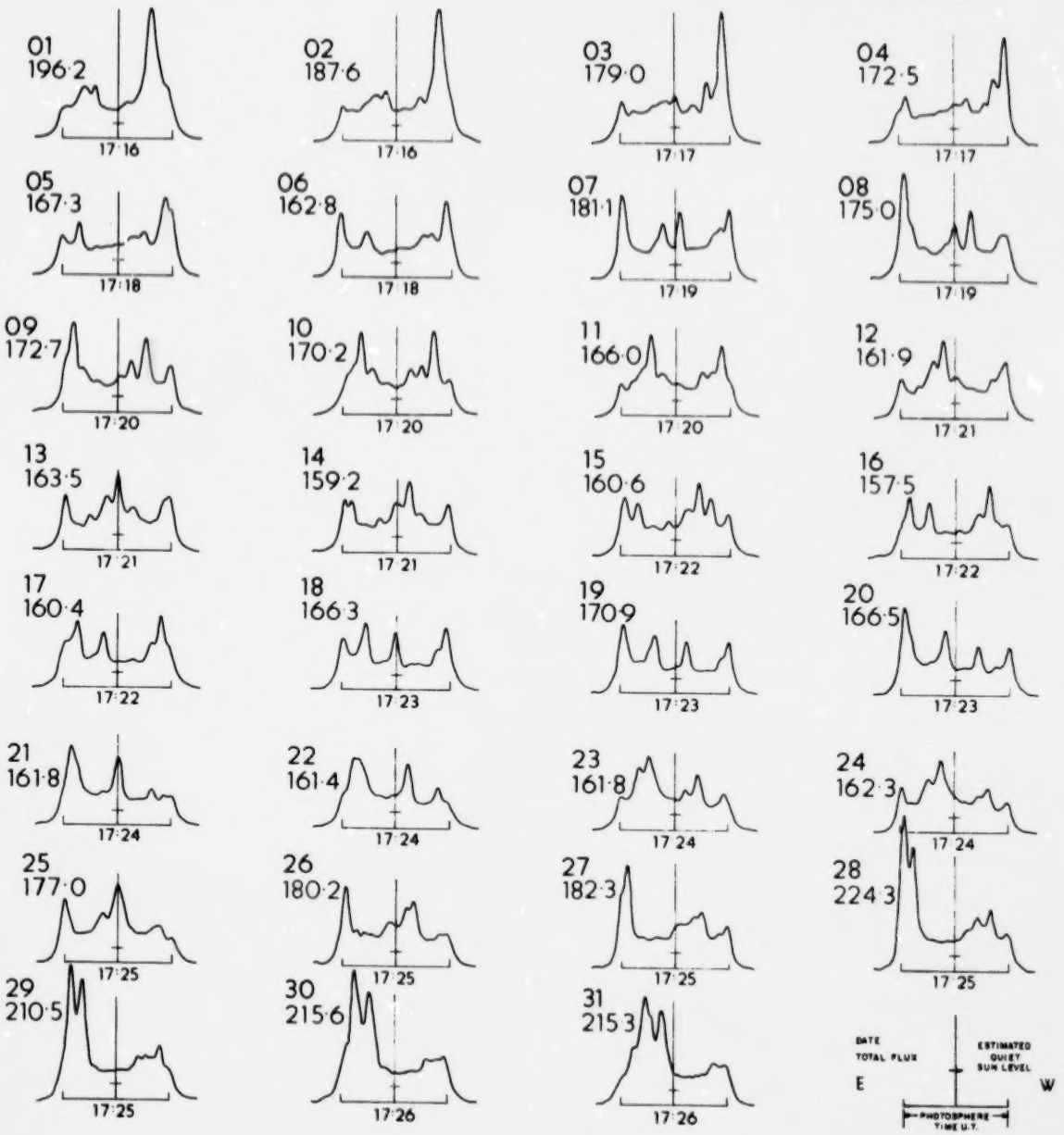


EAST-WEST SOLAR SCANS

JANUARY 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

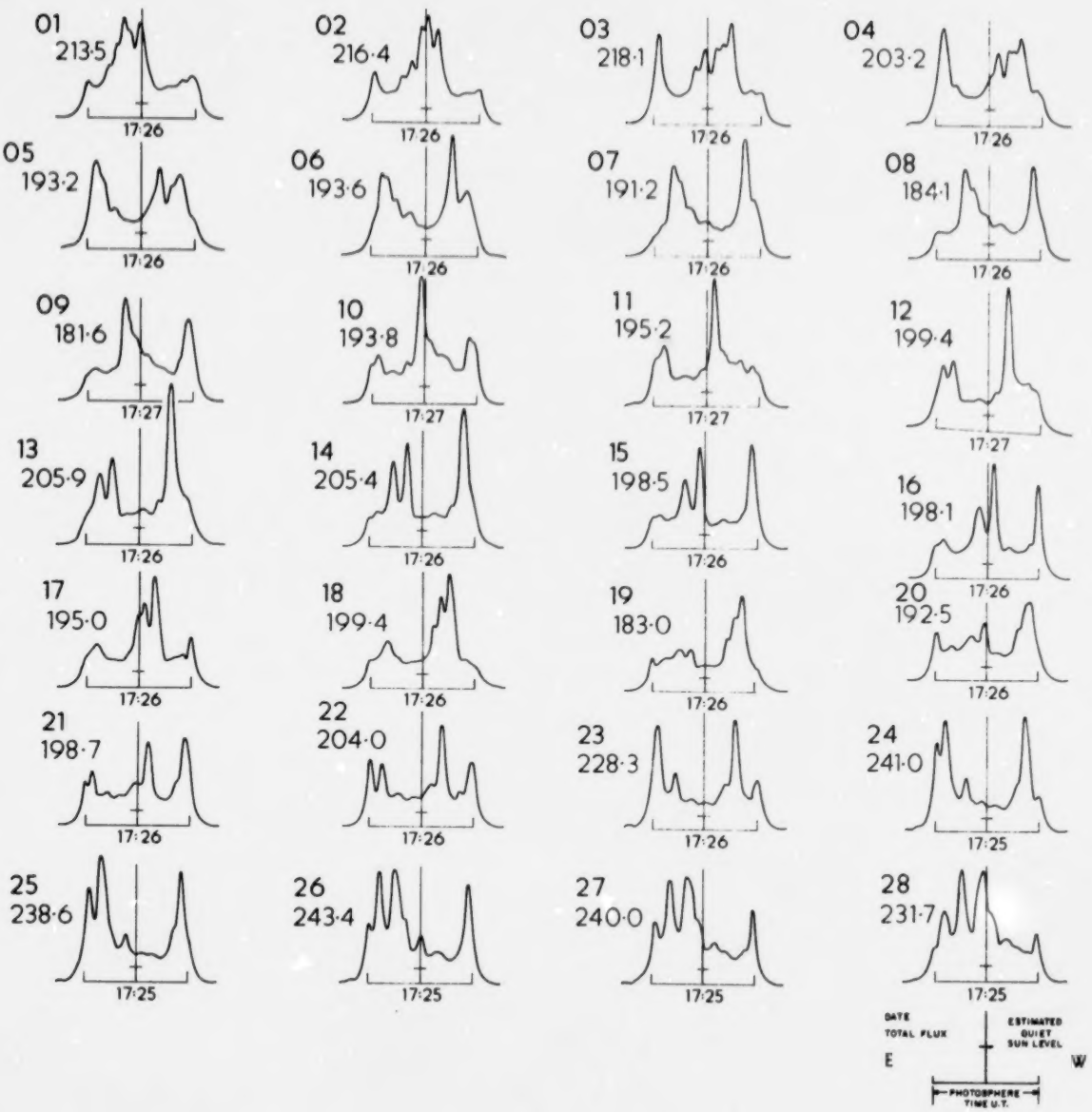


EAST-WEST SOLAR SCANS

ALGONQUIN RADIO OBSERVATORY
CANADA

FEBRUARY 1981

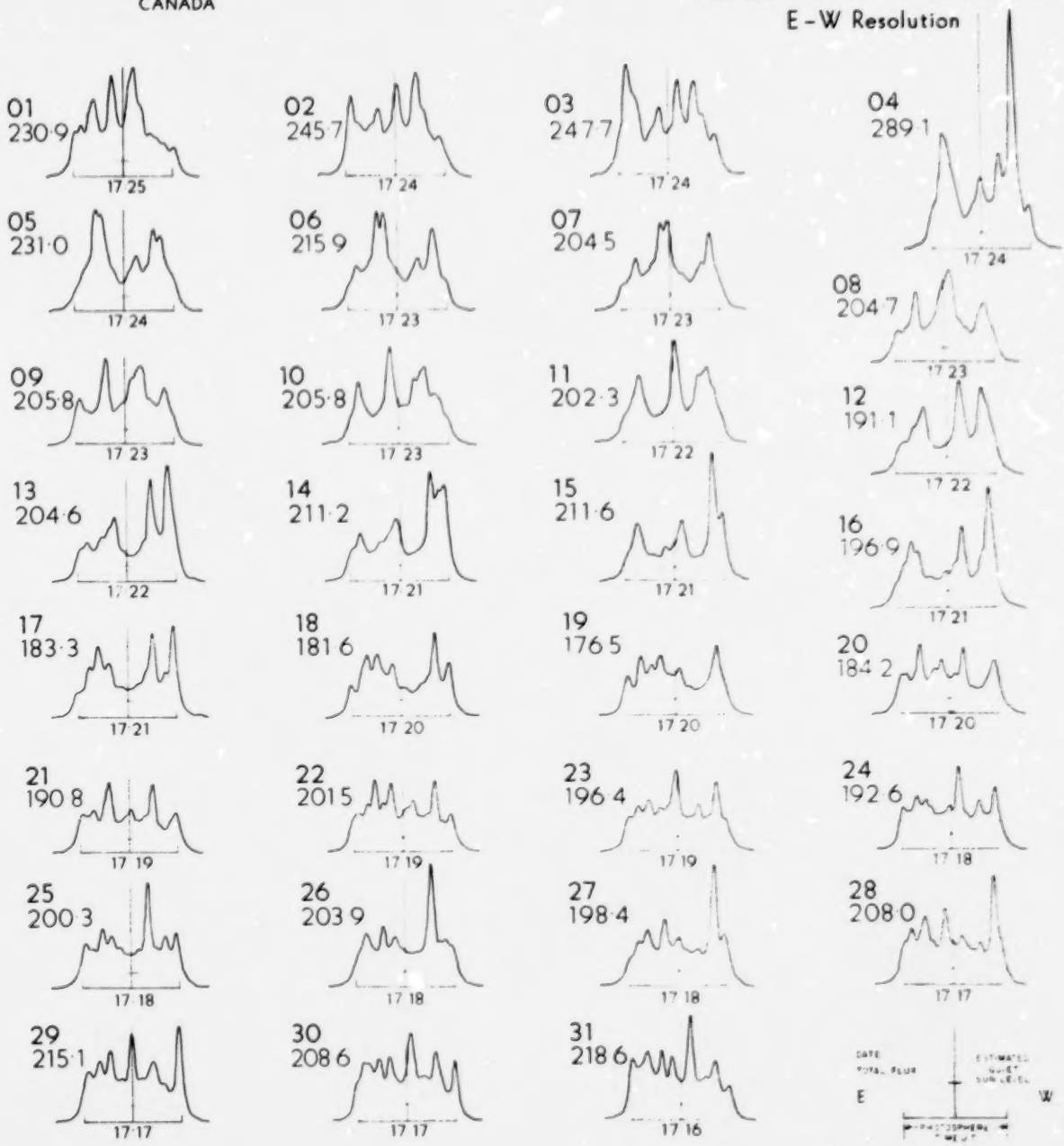
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
MARCH 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

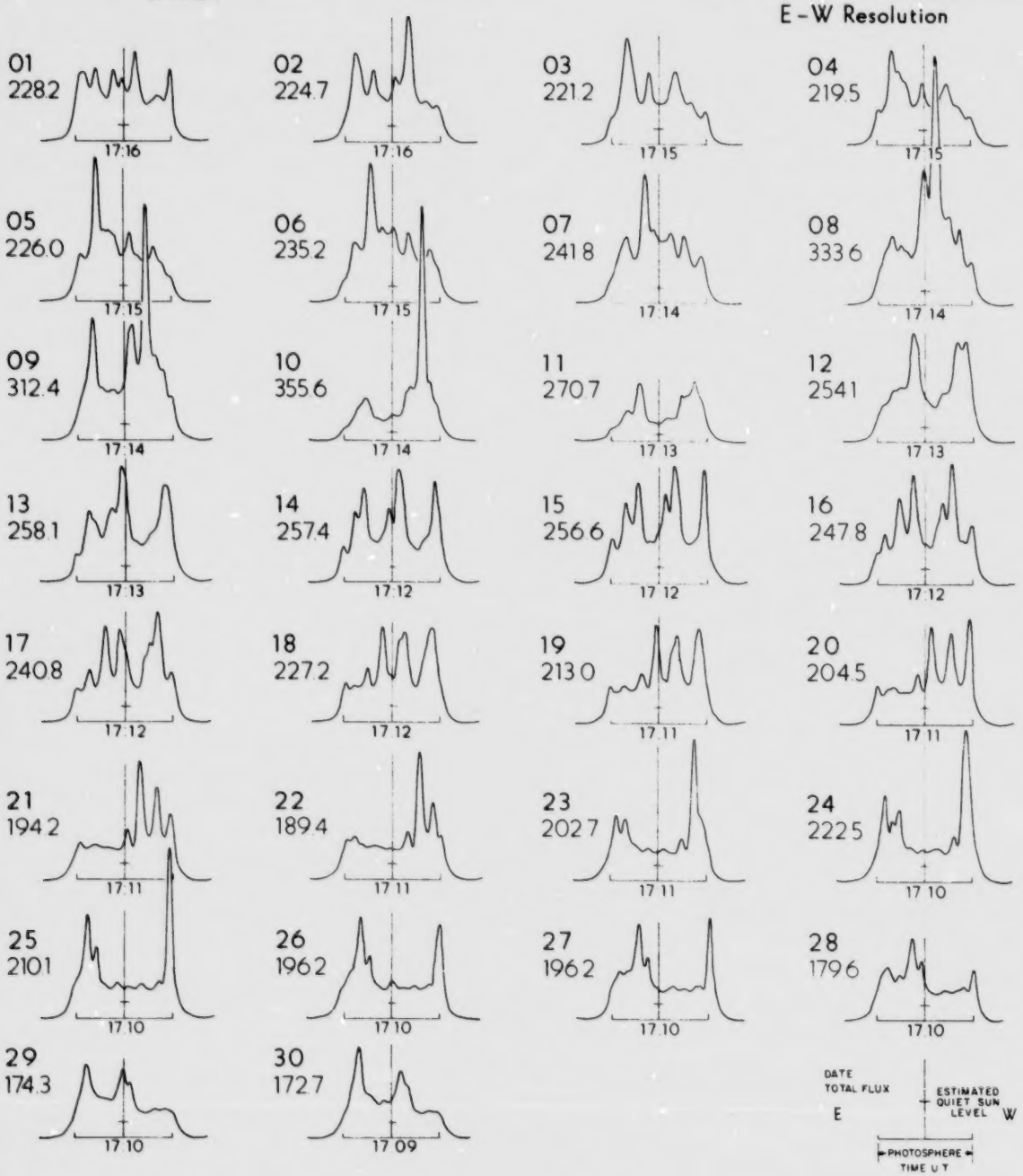


EAST-WEST SOLAR SCANS

APRIL 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

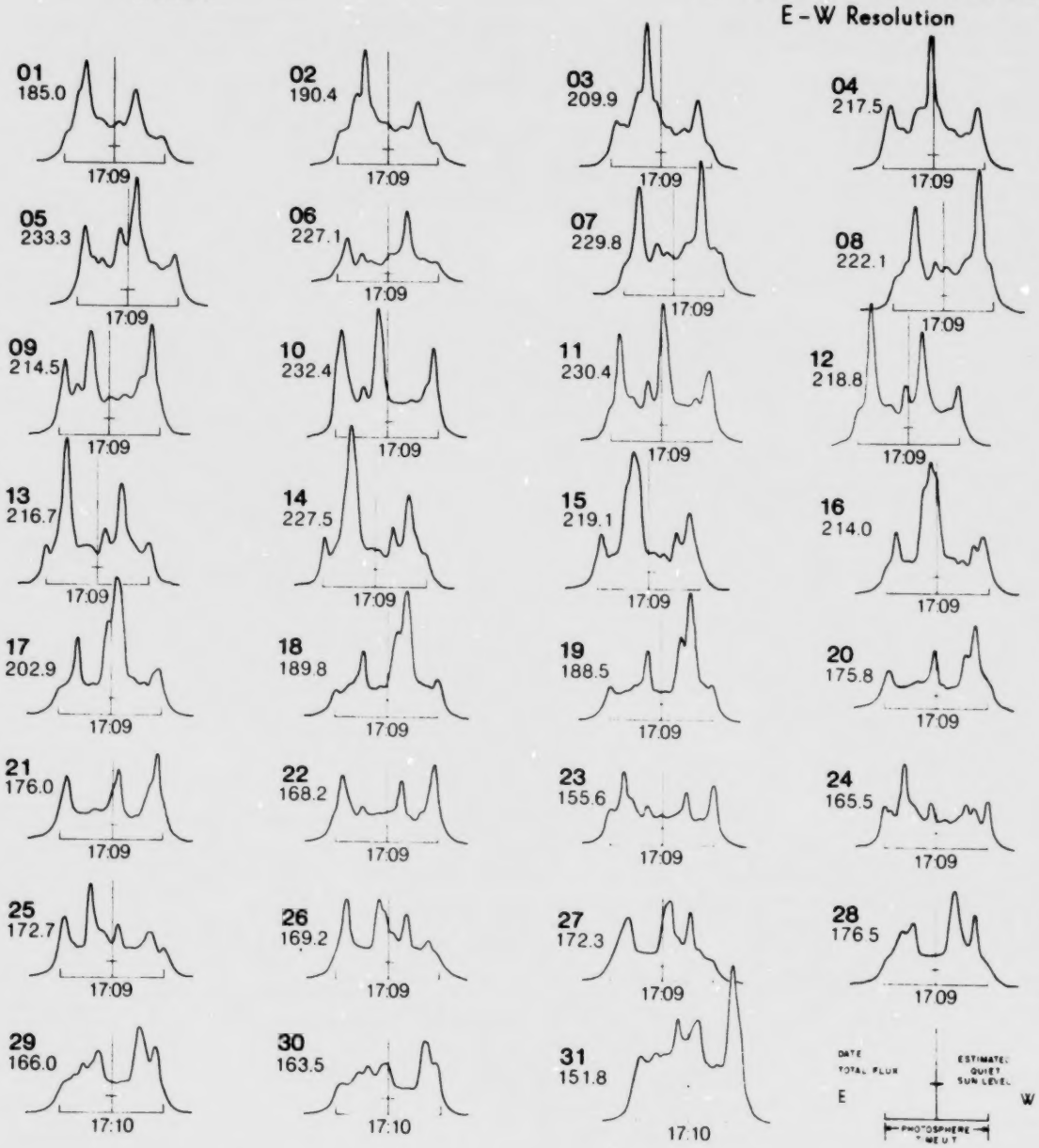


EAST-WEST SOLAR SCANS

MAY 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

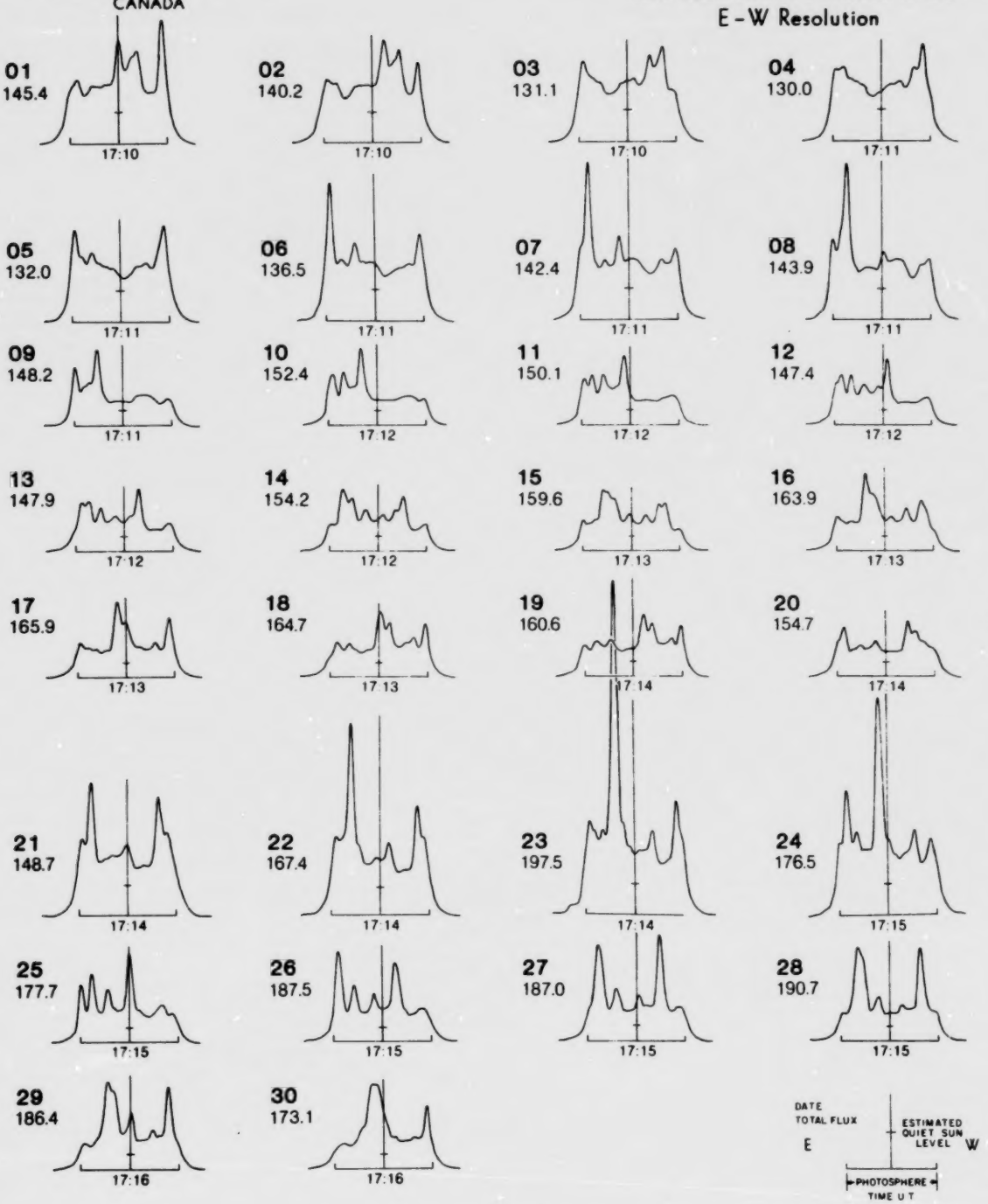


EAST-WEST SOLAR SCANS

JUNE 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

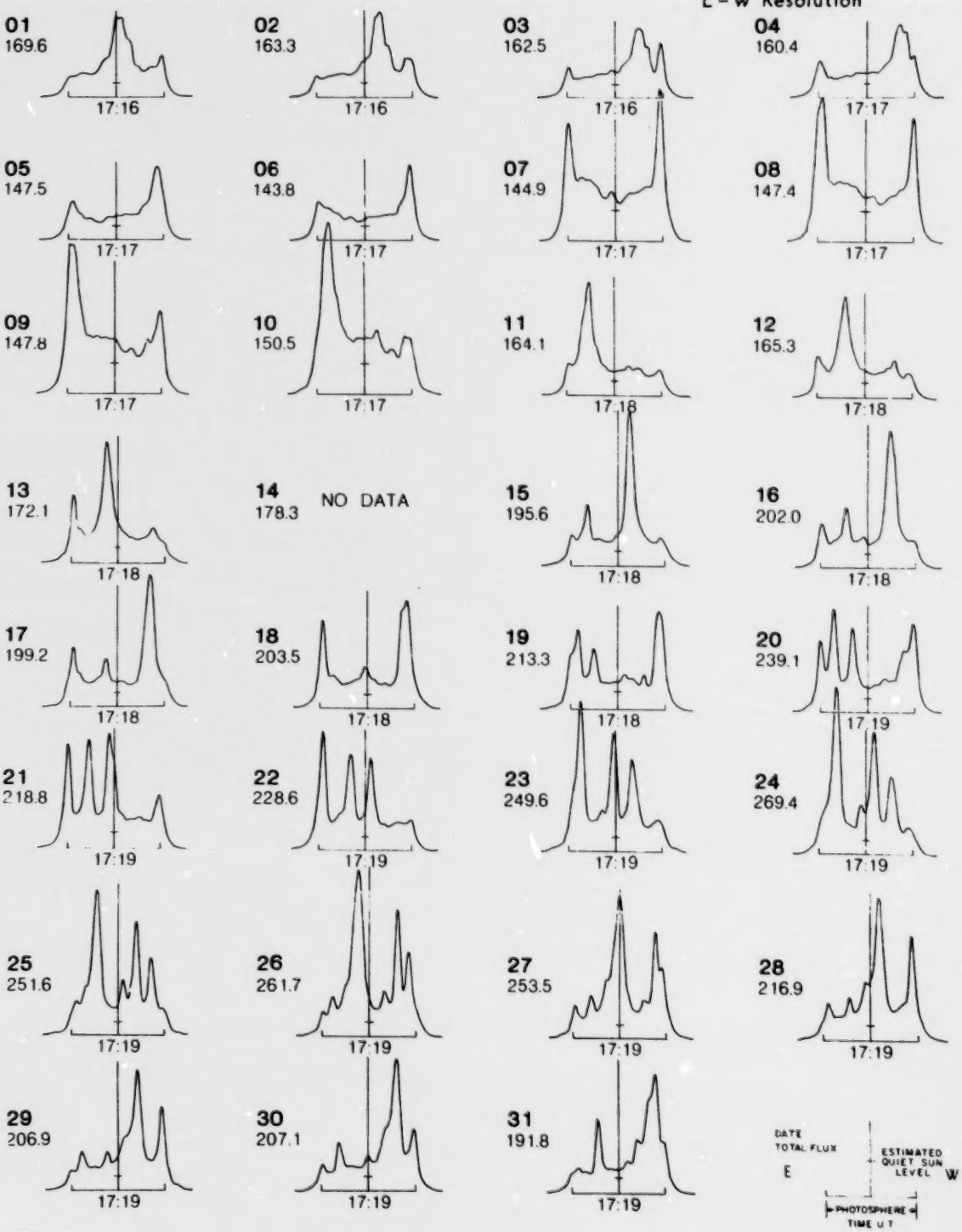


EAST-WEST SOLAR SCANS

JULY 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

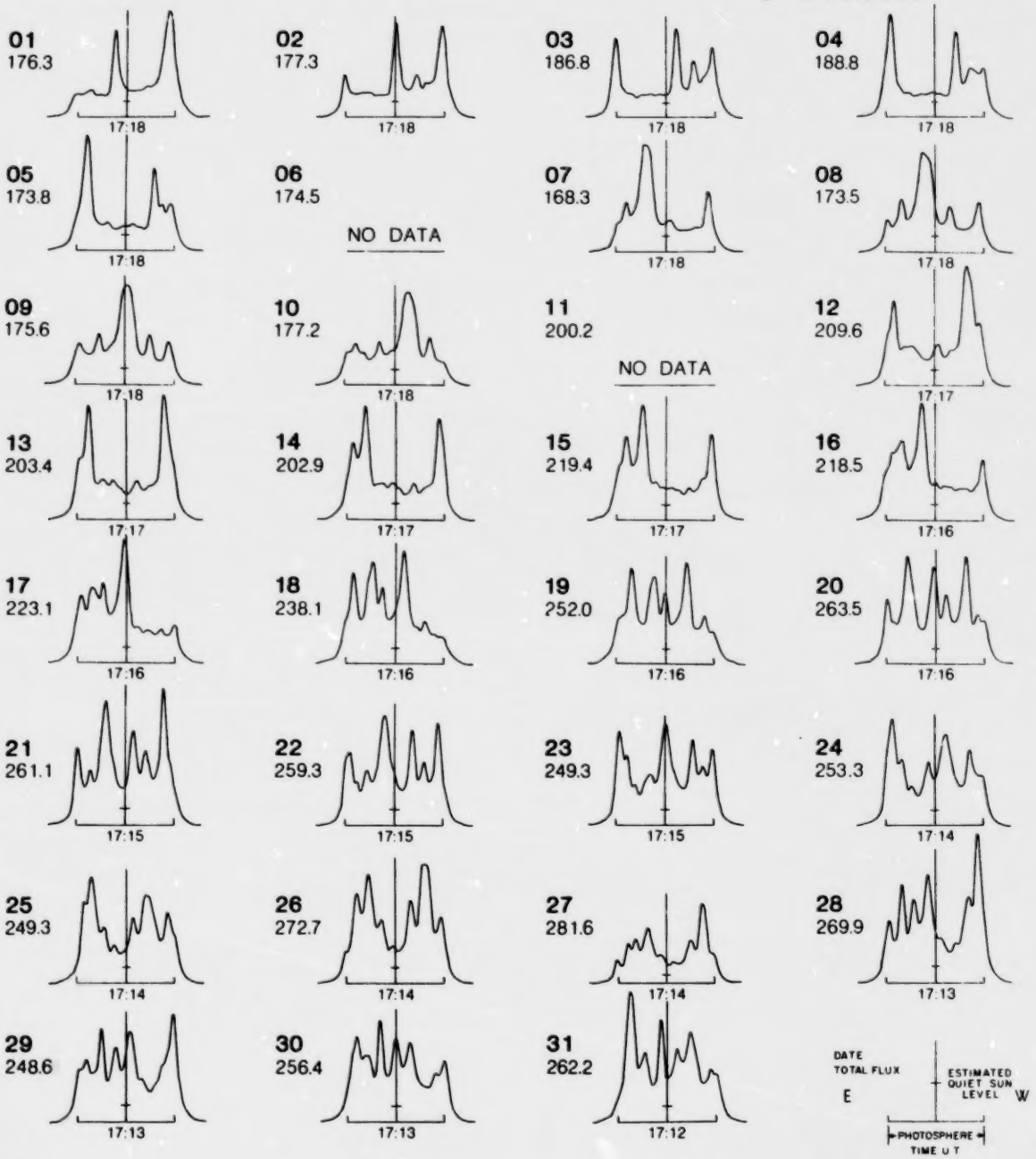


EAST-WEST SOLAR SCANS

AUGUST 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

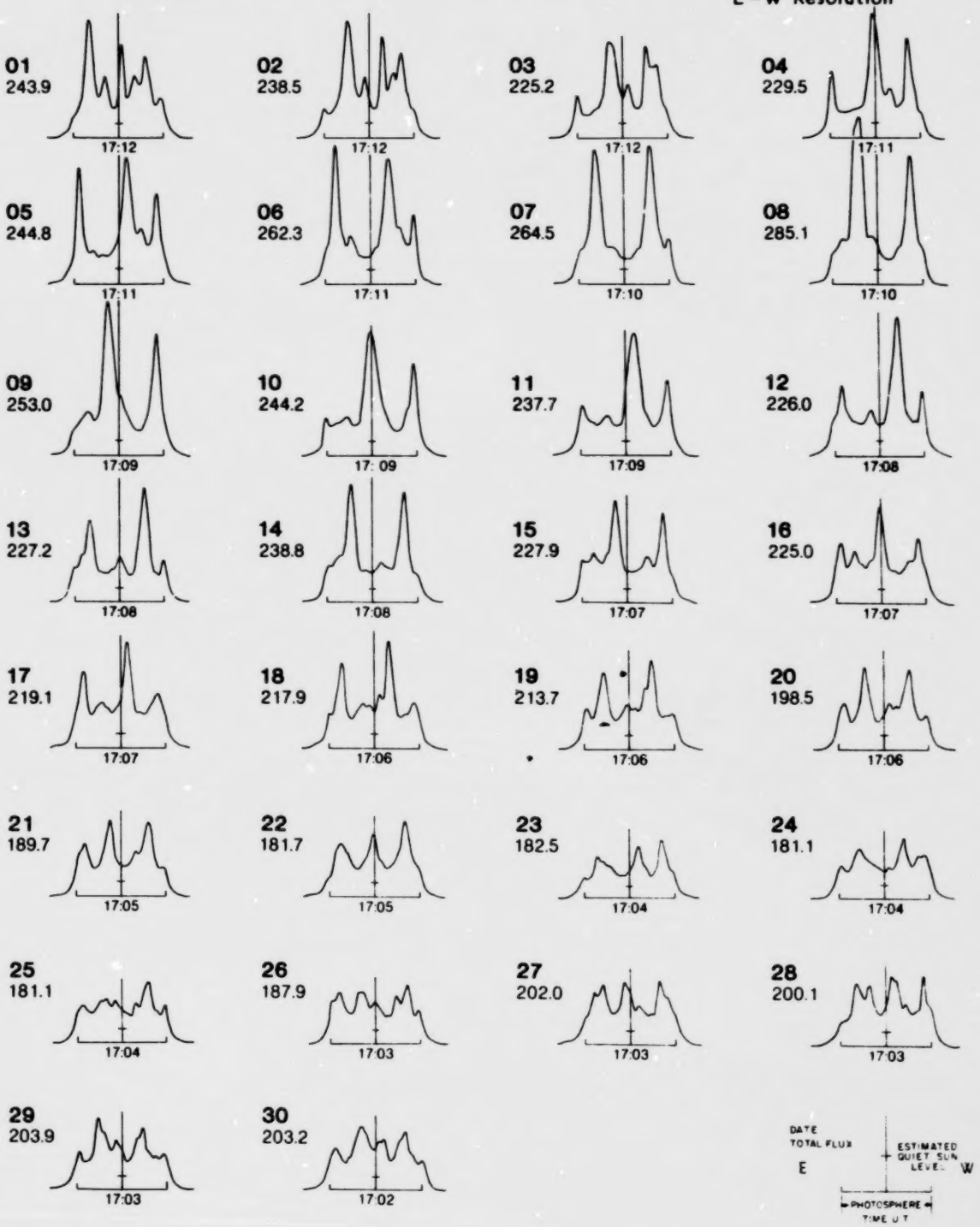


EAST-WEST SOLAR SCANS

SEPTEMBER 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

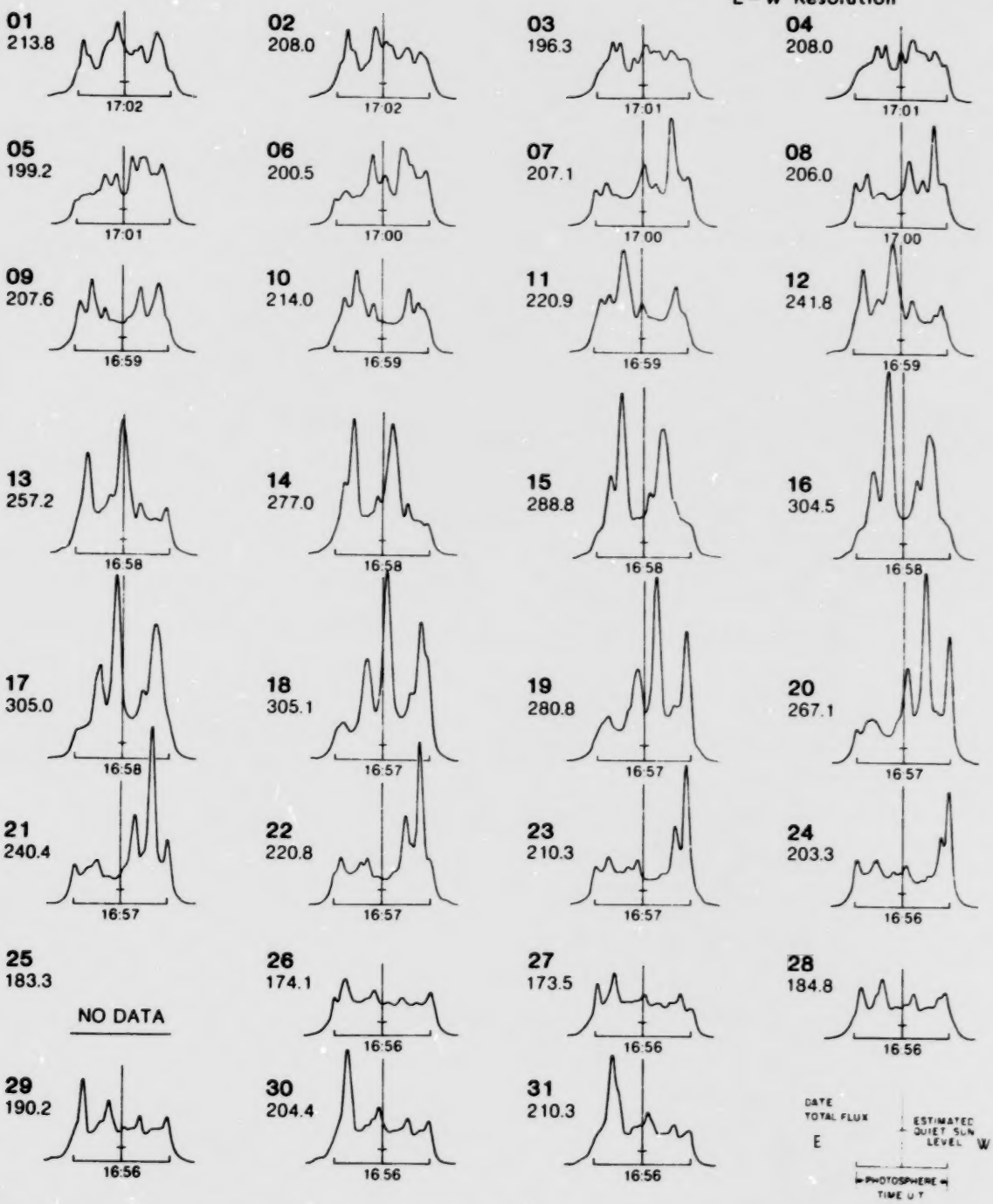


EAST-WEST SOLAR SCANS

OCTOBER 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

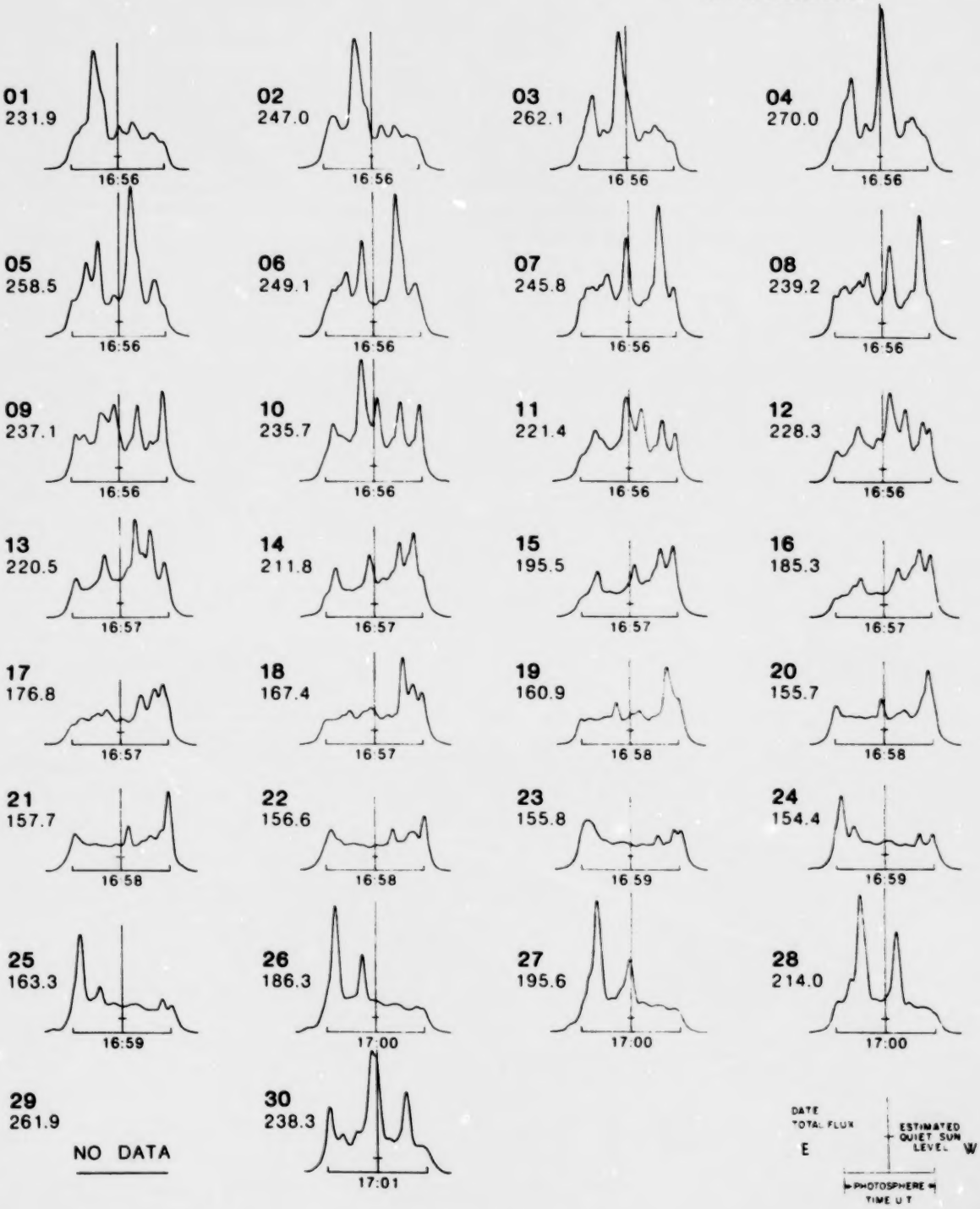


EAST-WEST SOLAR SCANS

NOVEMBER 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

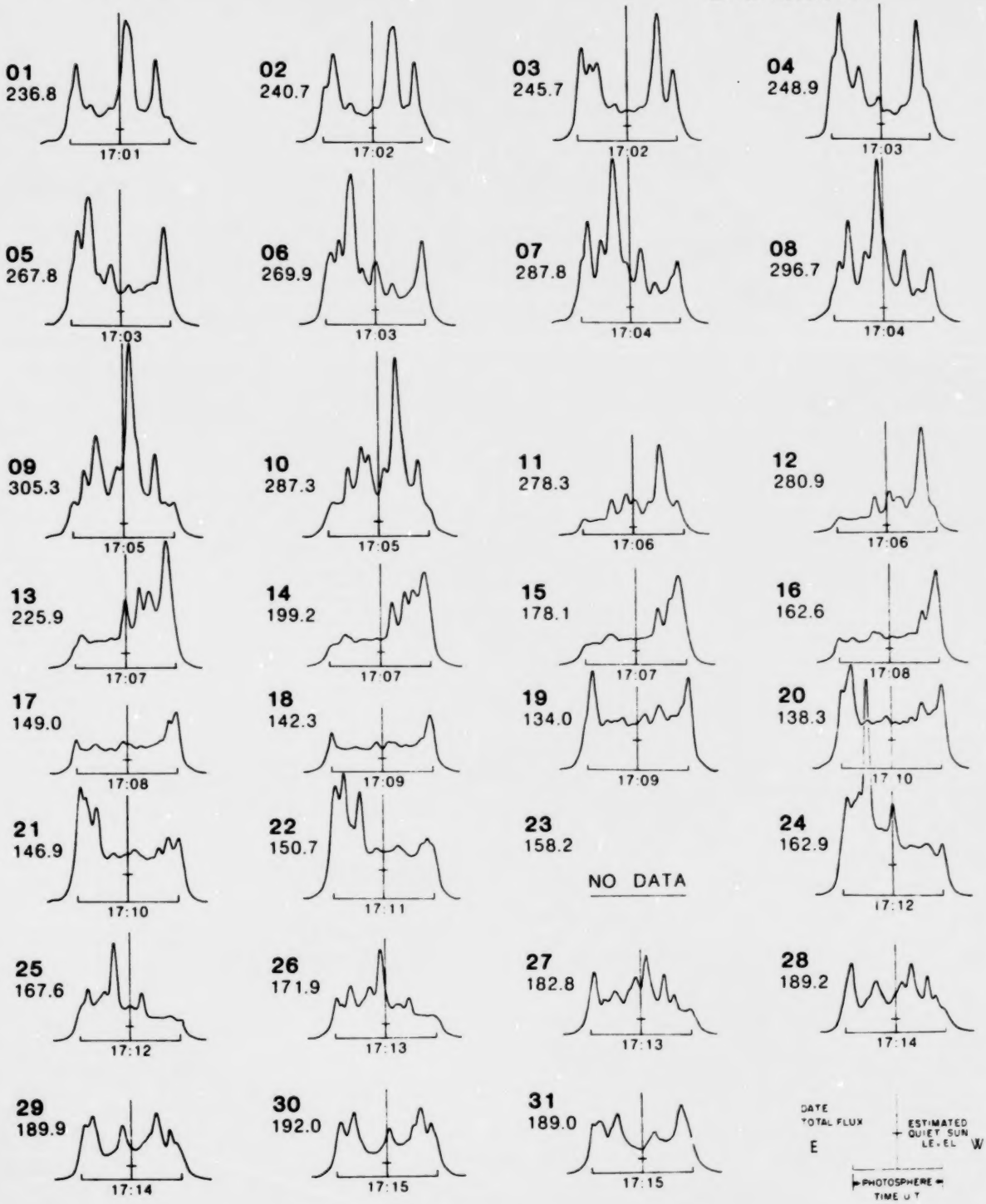


EAST-WEST SOLAR SCANS

DECEMBER 1981

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

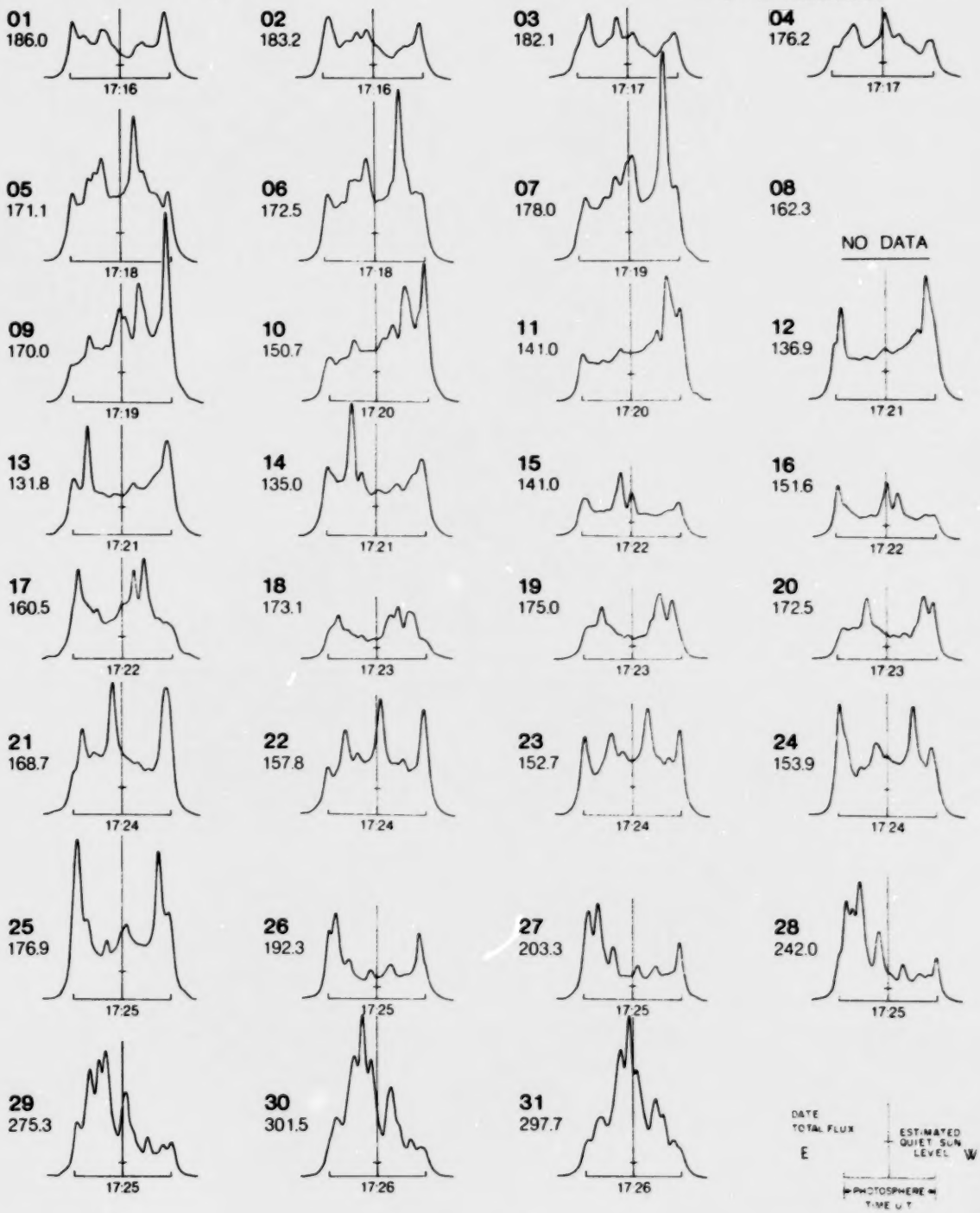


EAST-WEST SOLAR SCANS

JANUARY 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

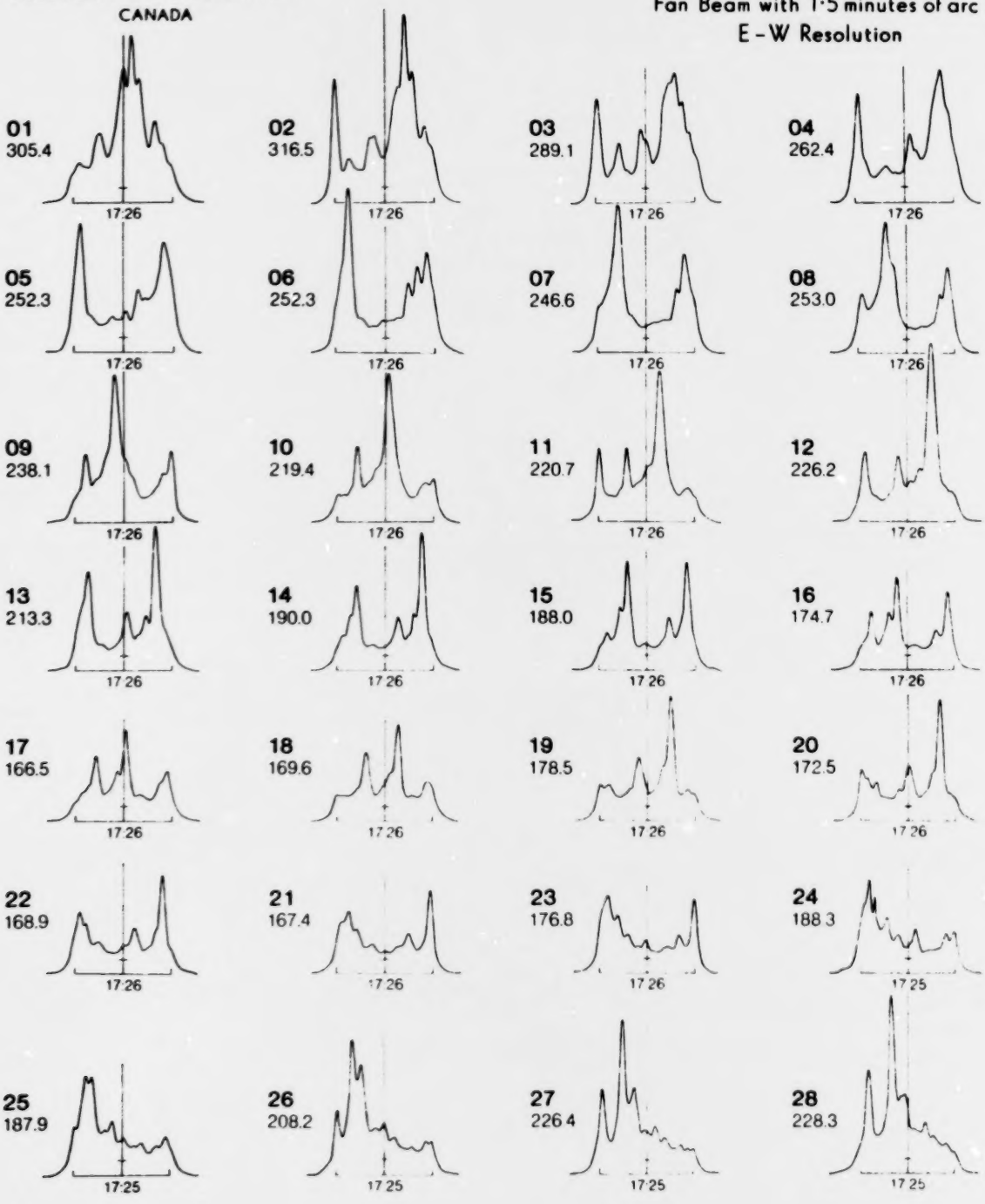
10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS
FEBRUARY 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

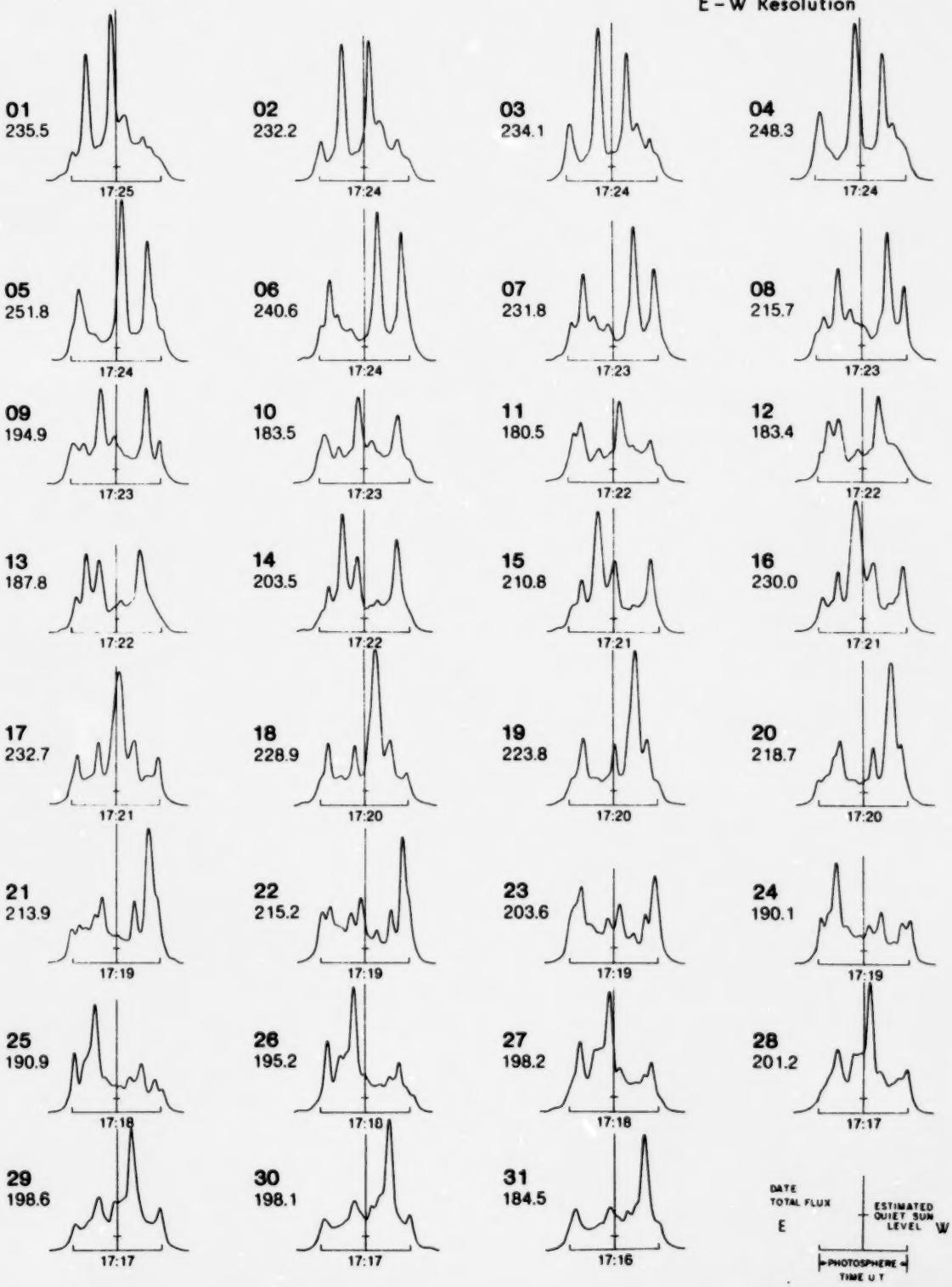


EAST-WEST SOLAR SCANS

MARCH 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

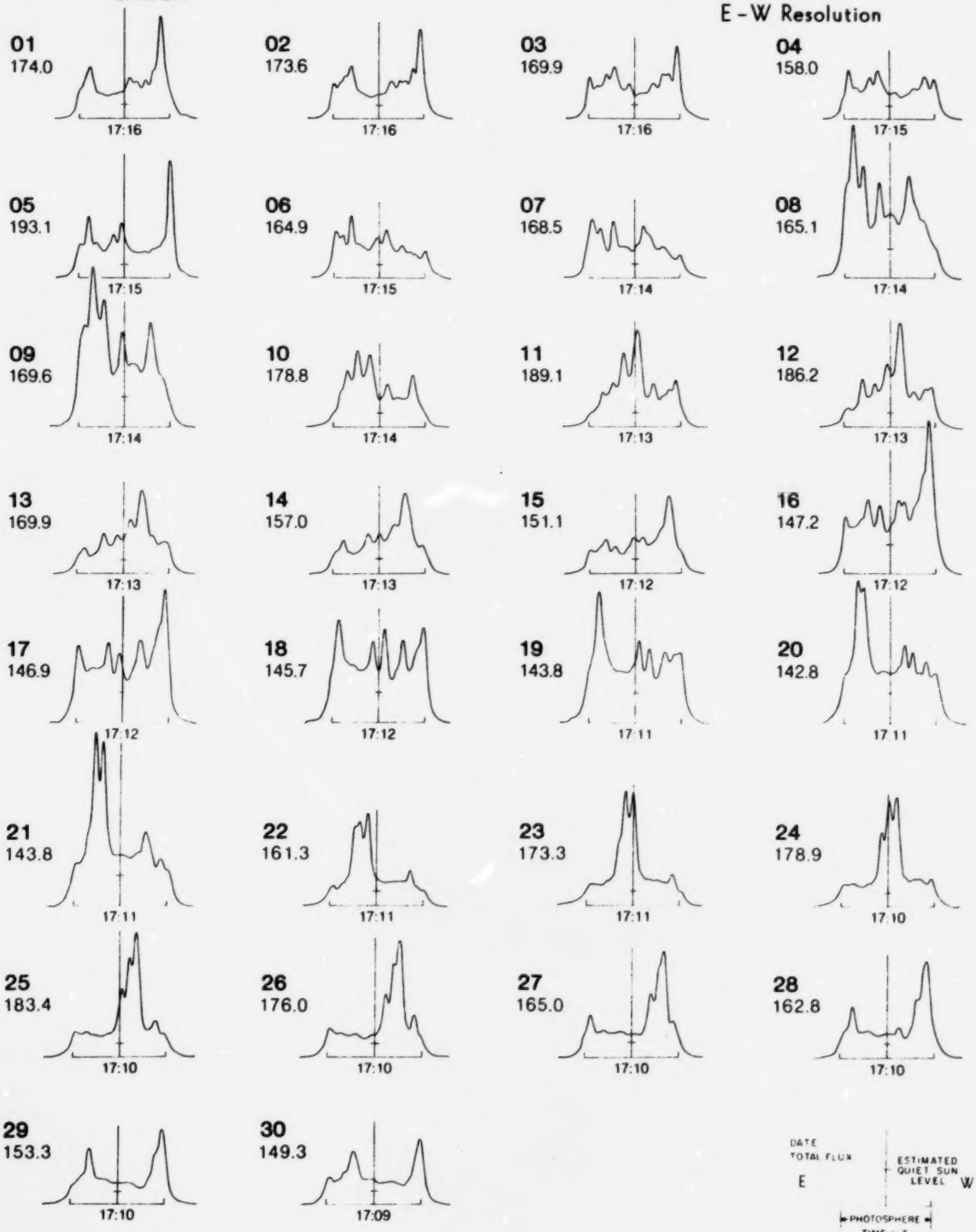


EAST-WEST SOLAR SCANS

APRIL 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

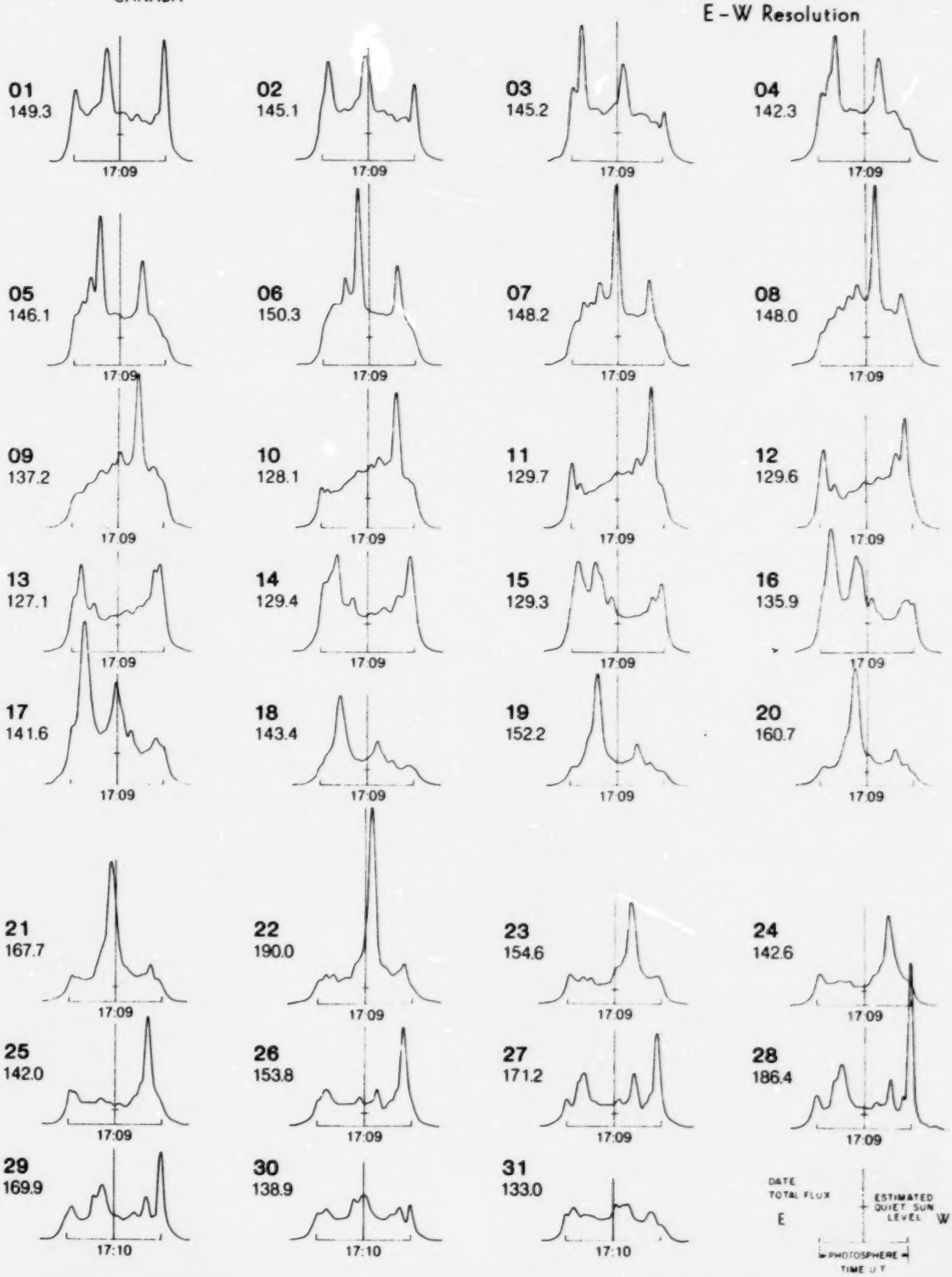


EAST-WEST SOLAR SCANS

MAY 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

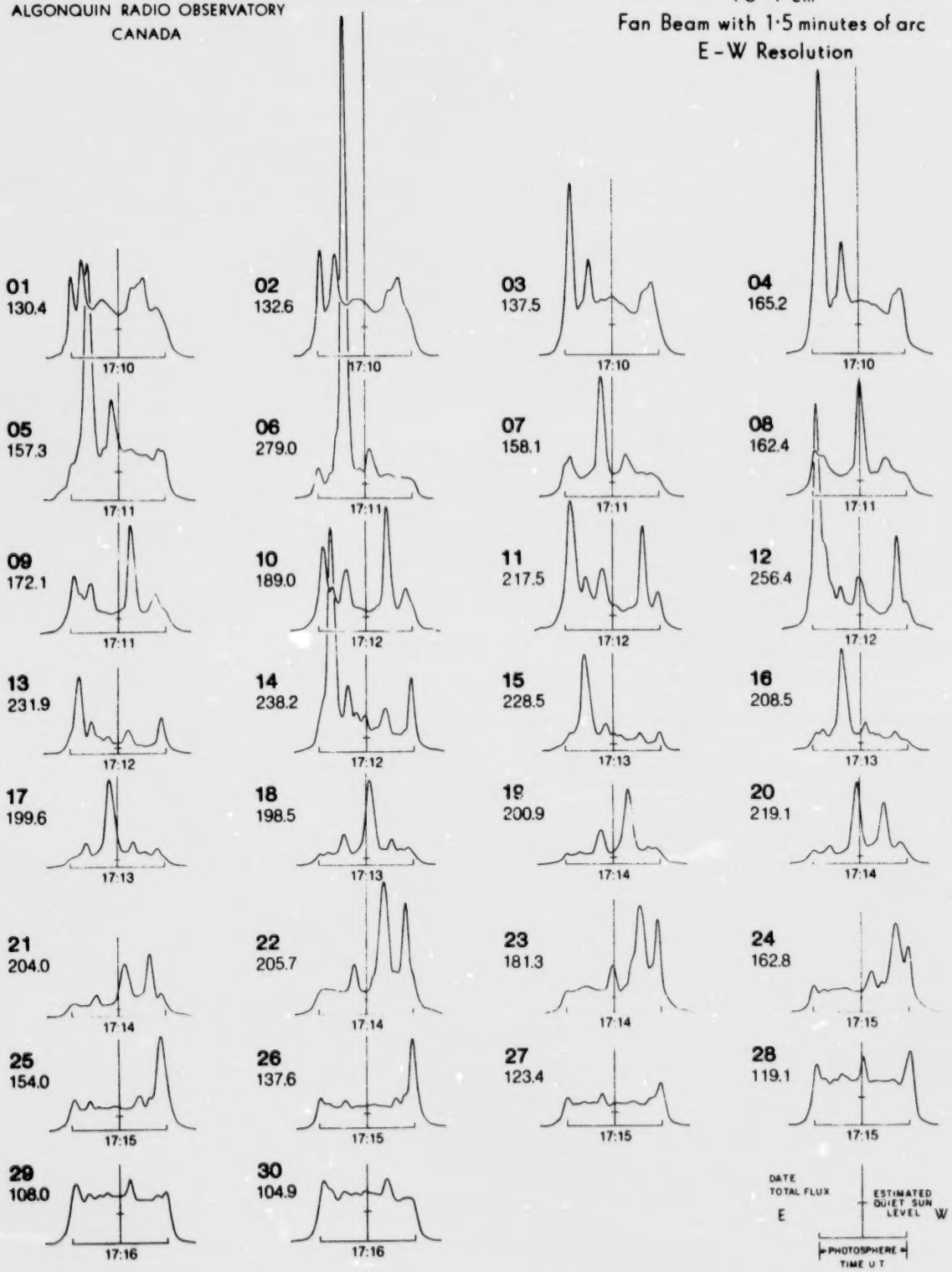


EAST-WEST SOLAR SCANS

JUNE 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

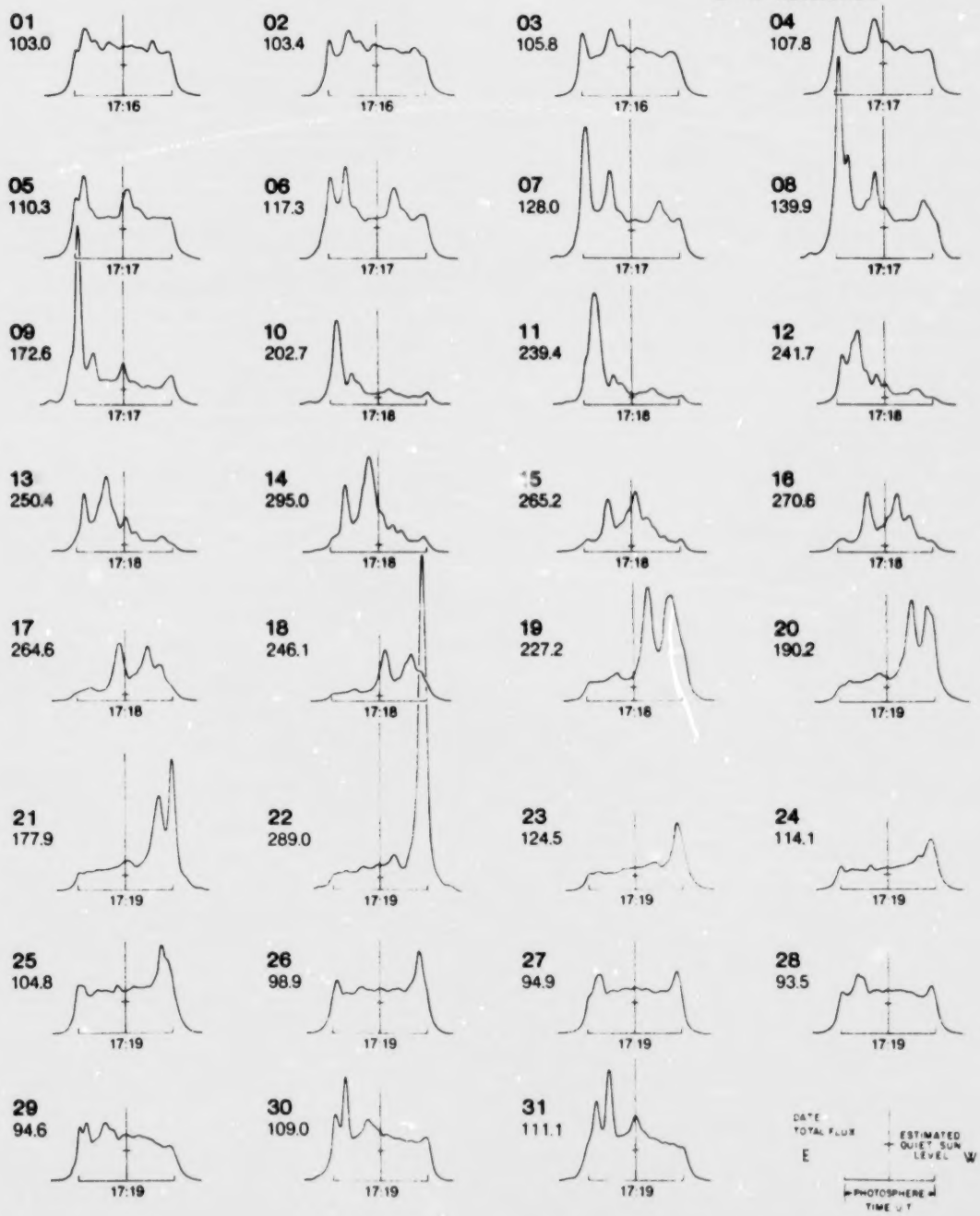


EAST-WEST SOLAR SCANS

JULY 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

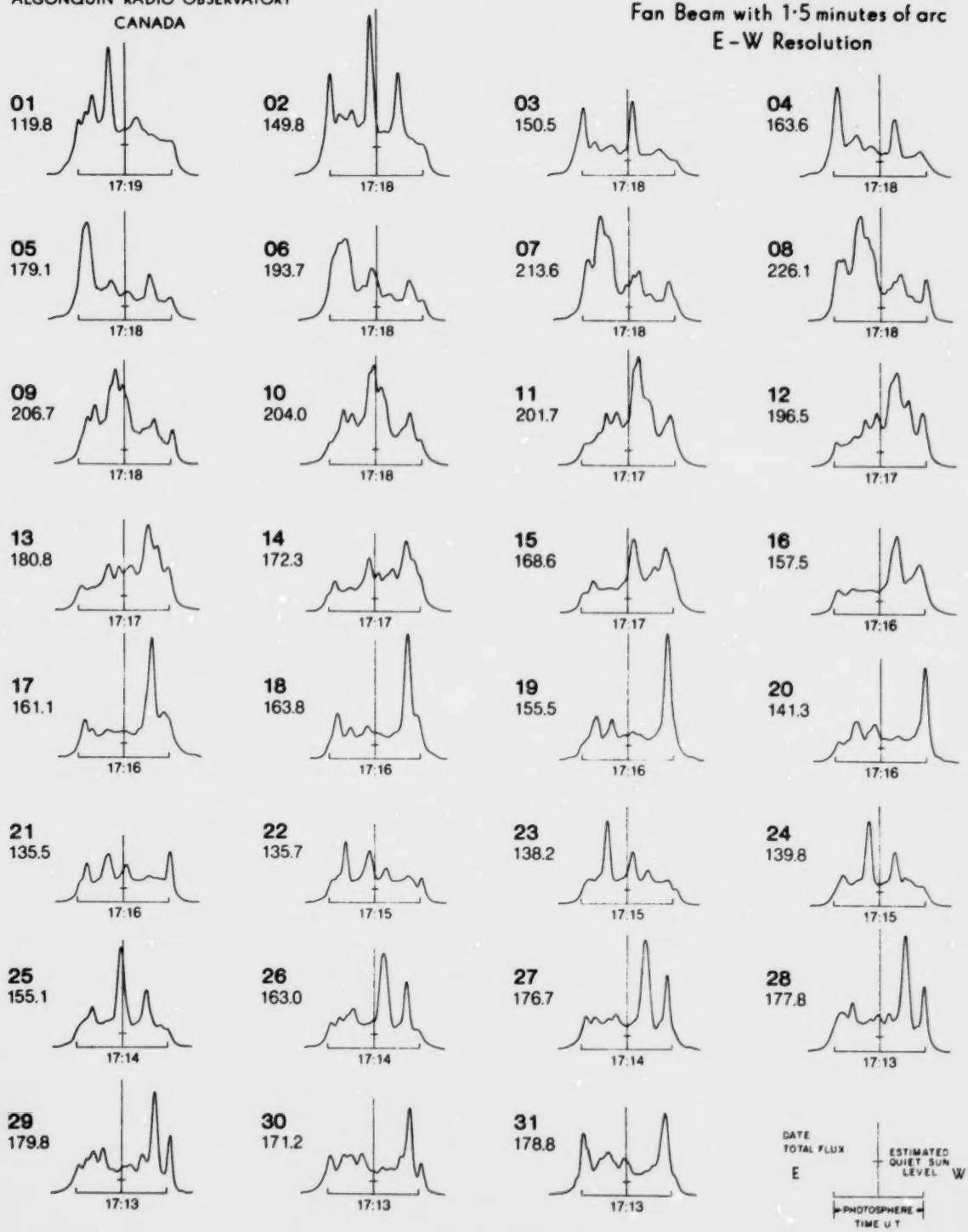


EAST-WEST SOLAR SCANS

AUGUST 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

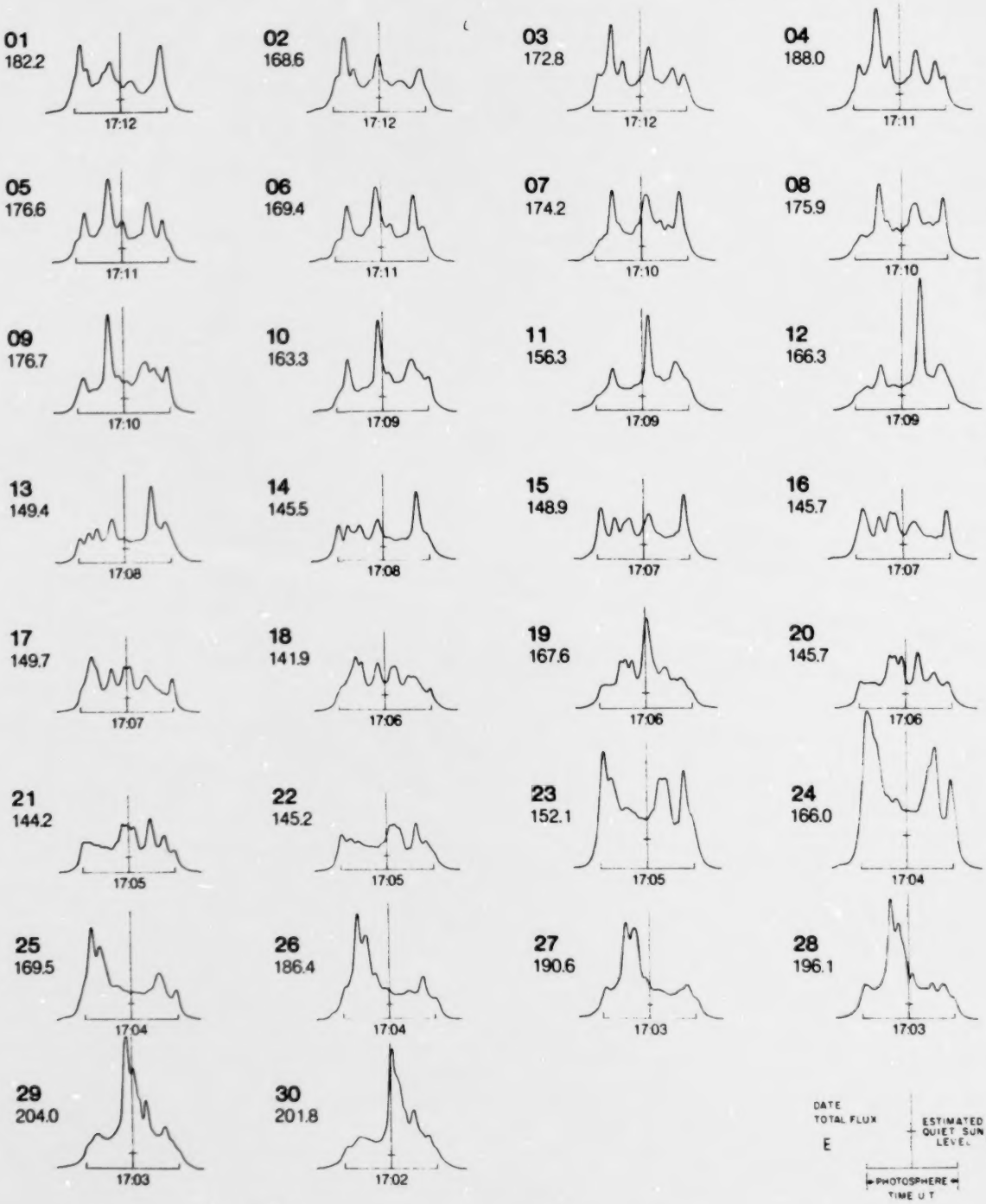


EAST-WEST SOLAR SCANS

SEPTEMBER 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

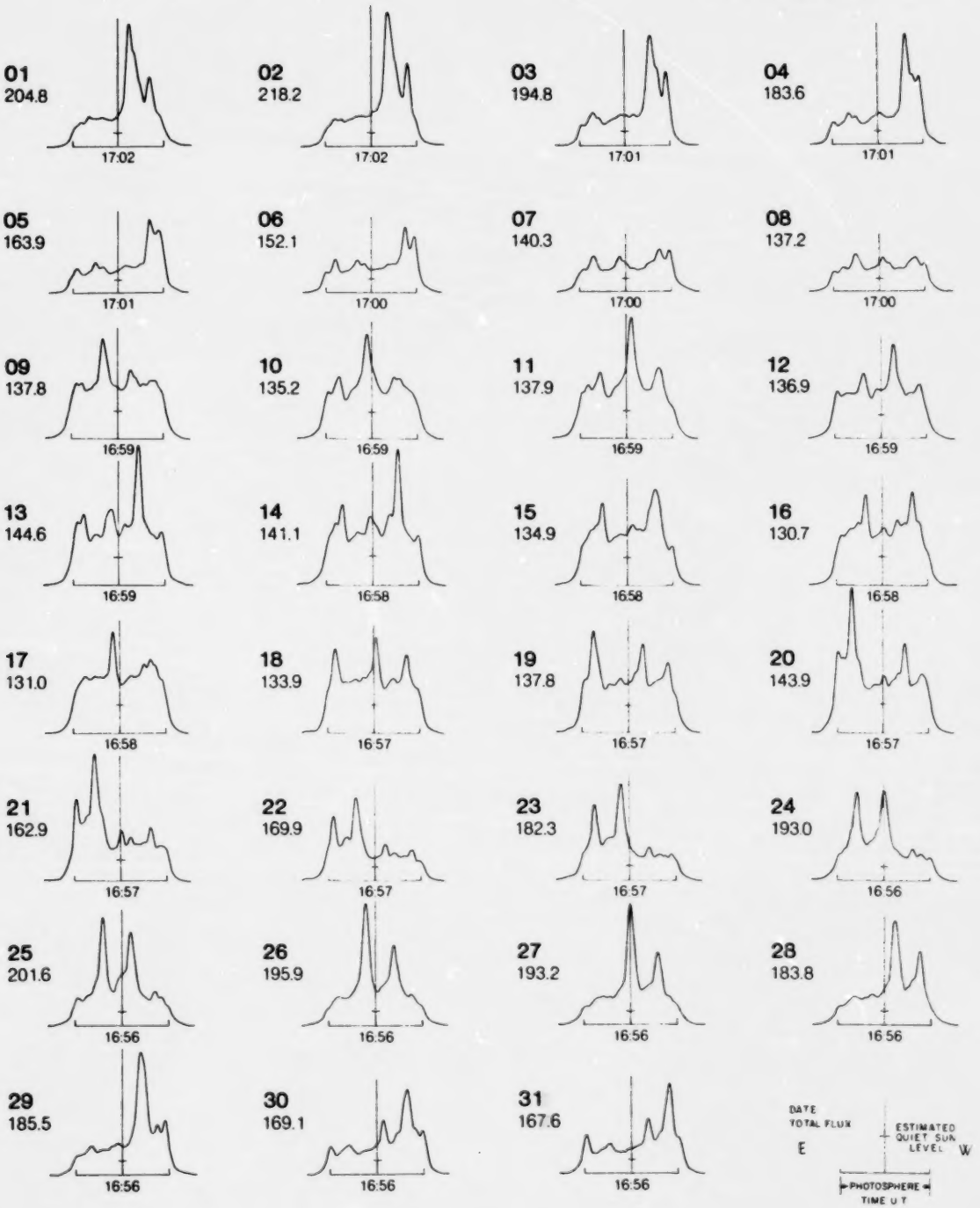


EAST-WEST SOLAR SCANS

OCTOBER 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

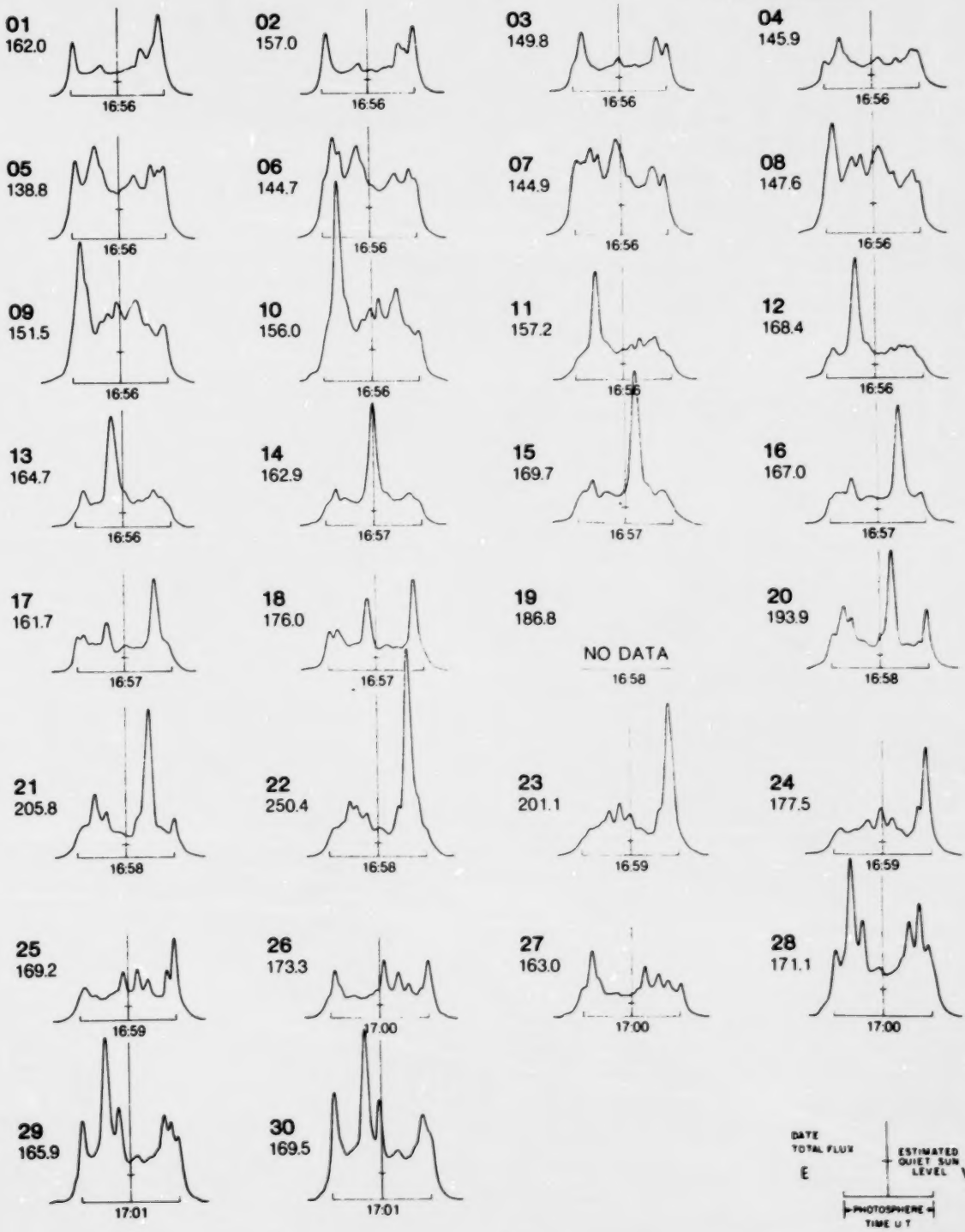


EAST-WEST SOLAR SCANS

NOVEMBER 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

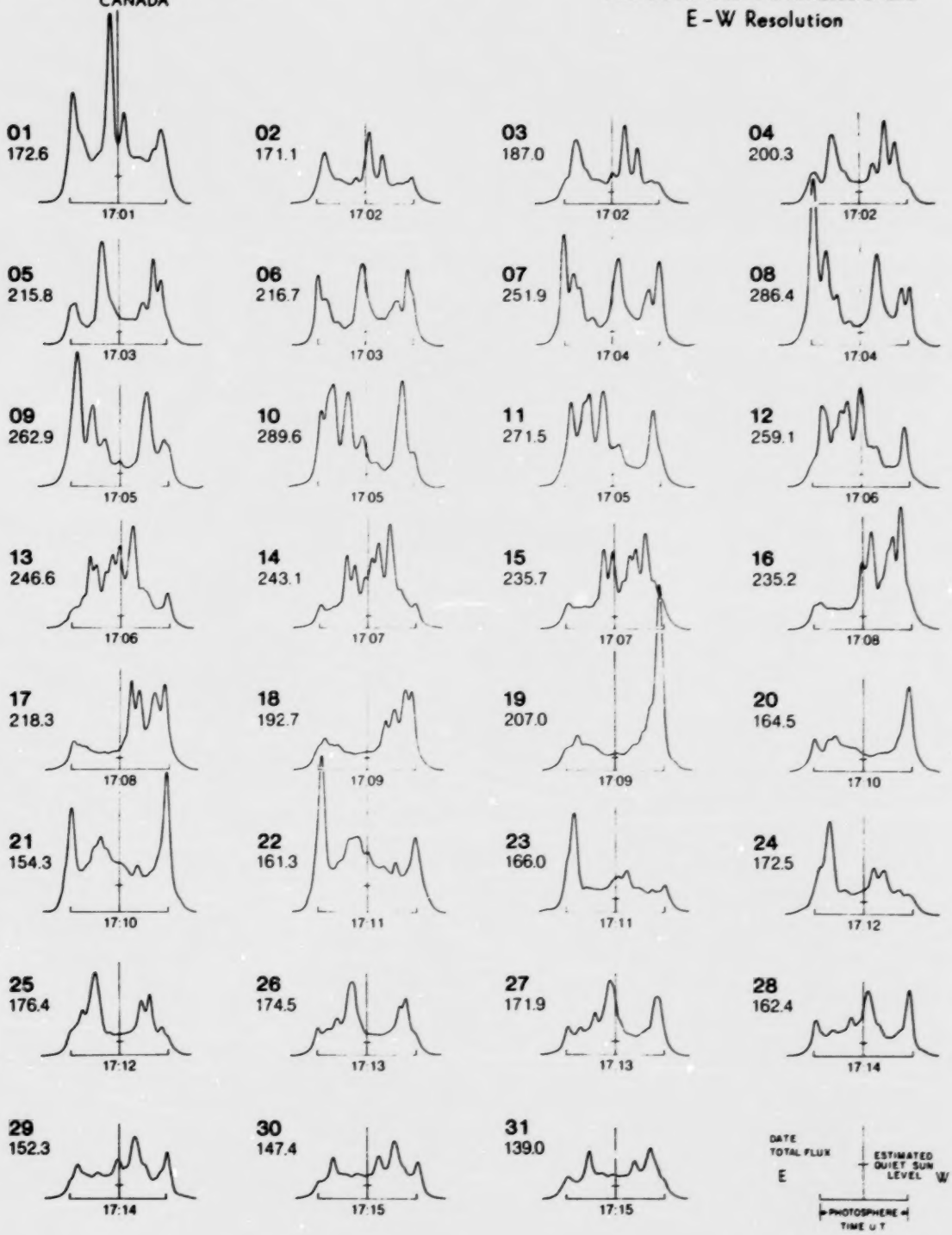


EAST-WEST SOLAR SCANS

DECEMBER 1982

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

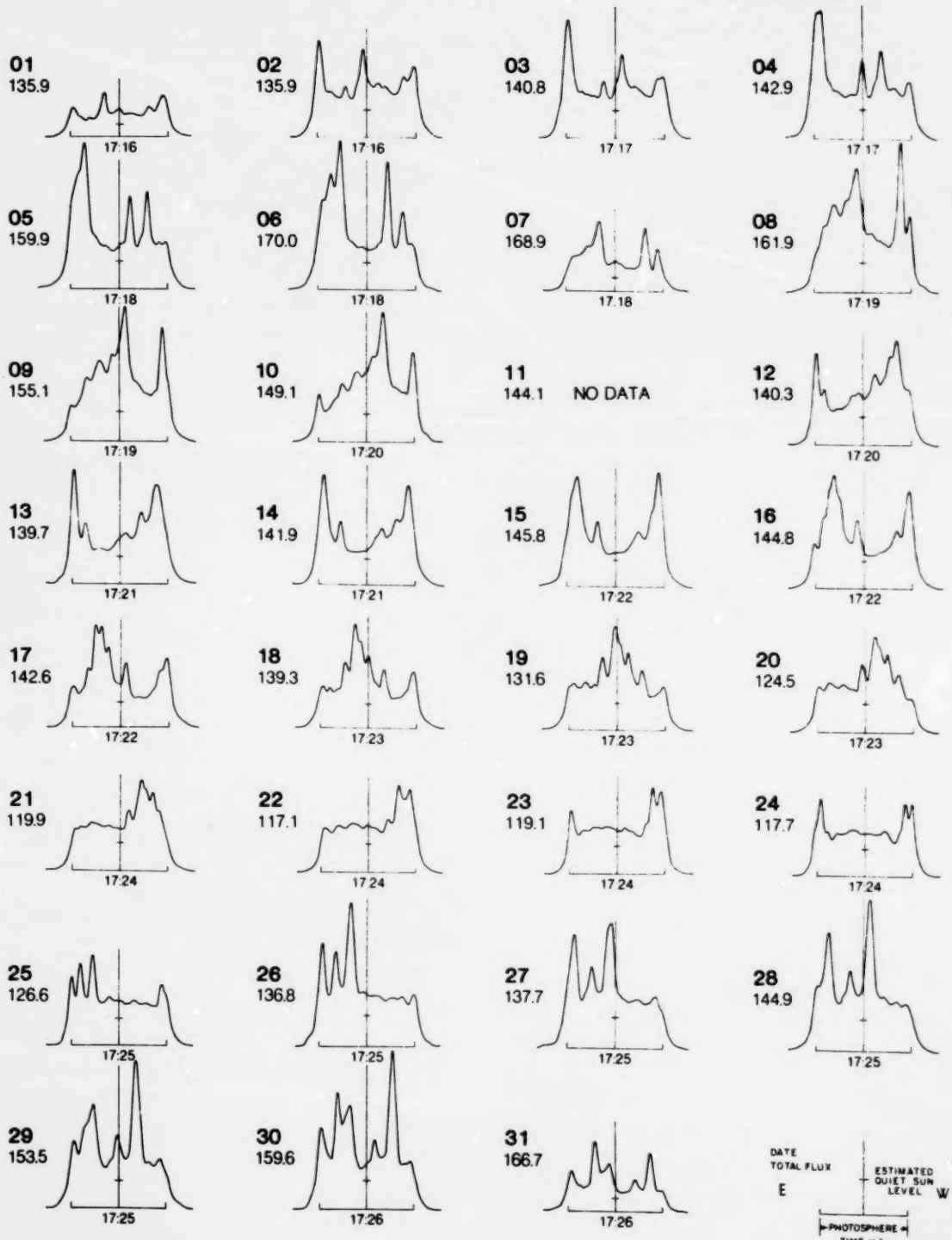


EAST-WEST SOLAR SCANS

JANUARY 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

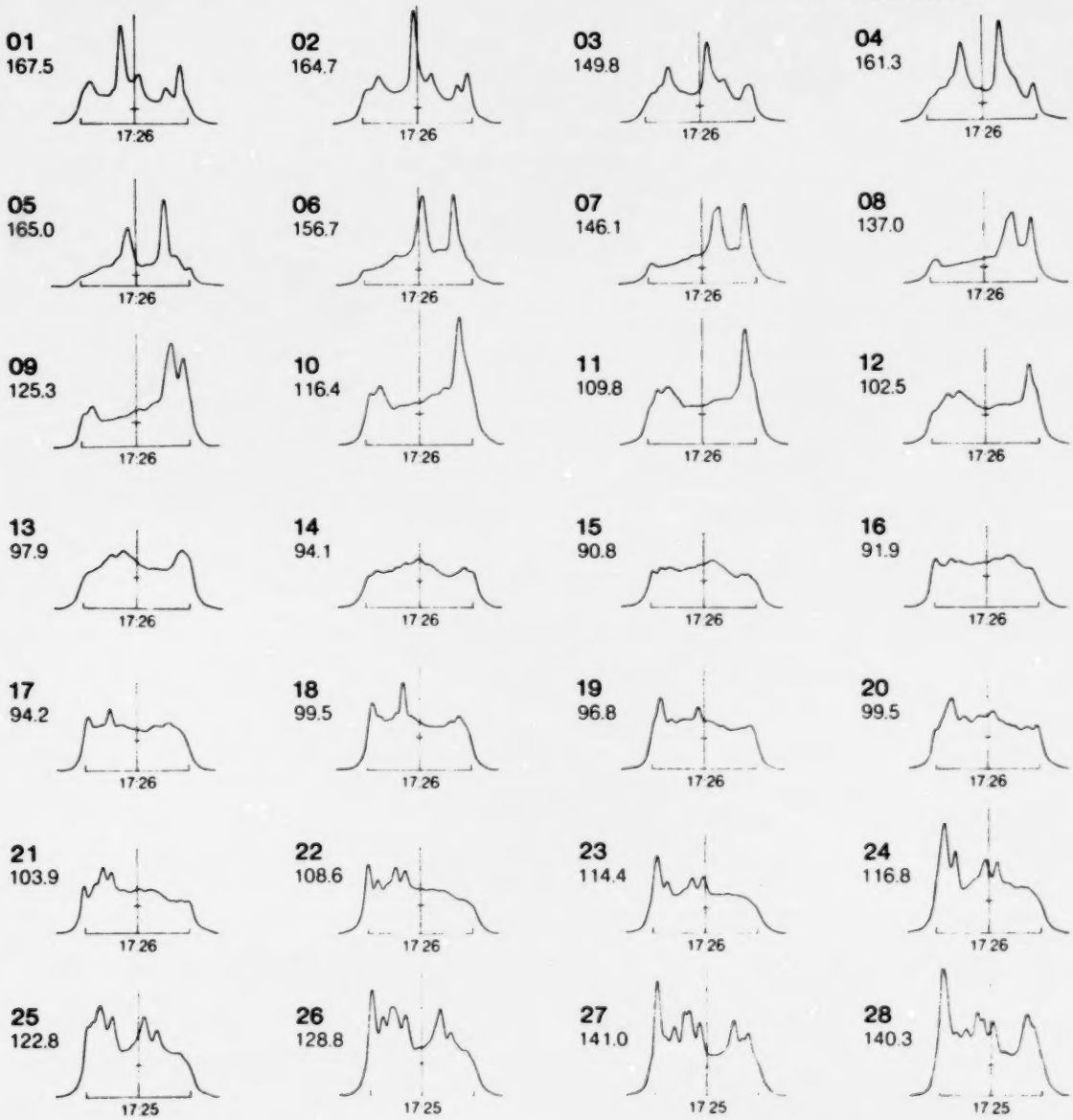


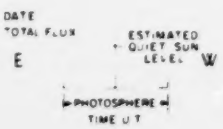
EAST-WEST SOLAR SCANS

FEBRUARY 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



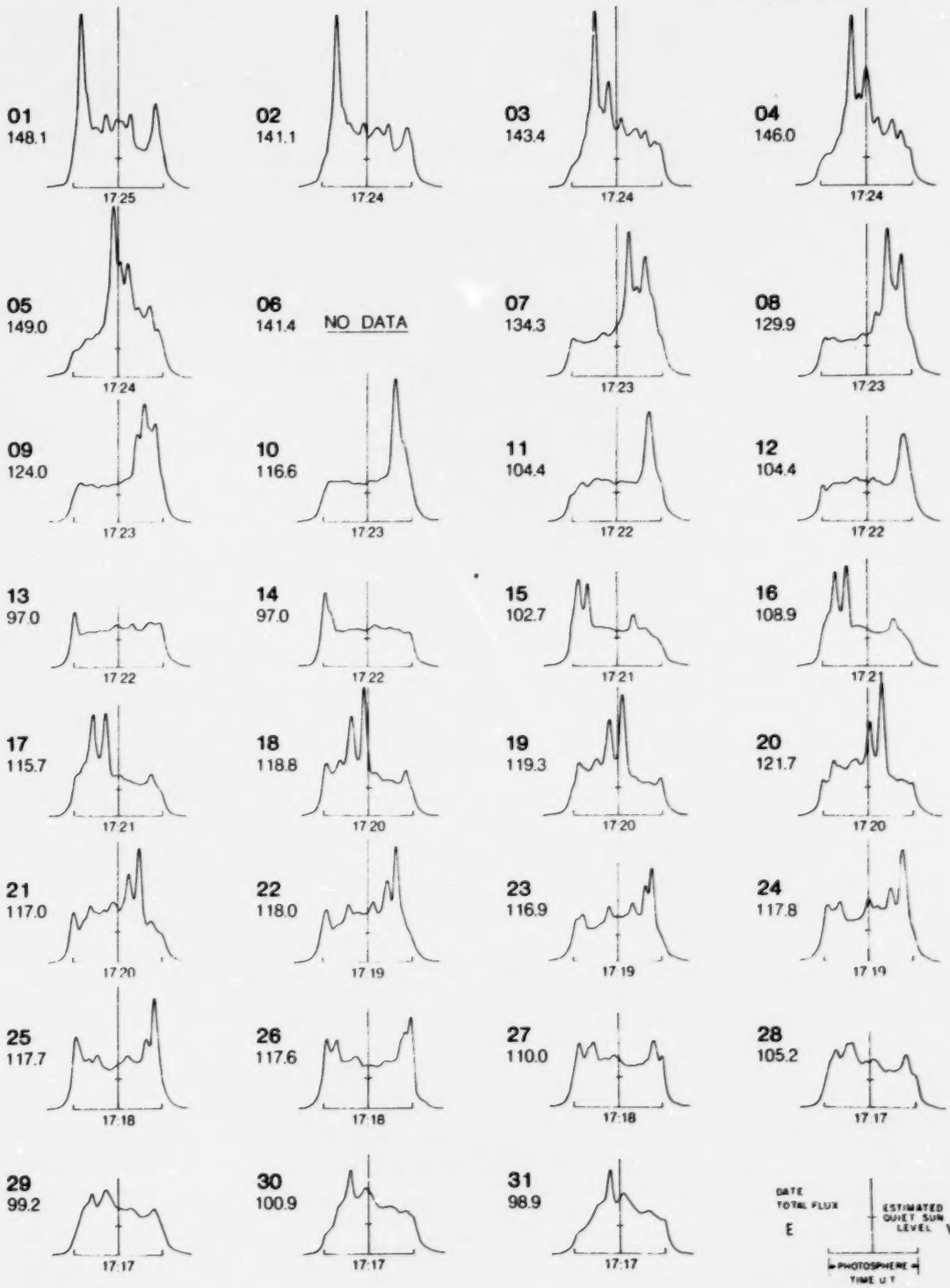


EAST-WEST SOLAR SCANS

MARCH 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

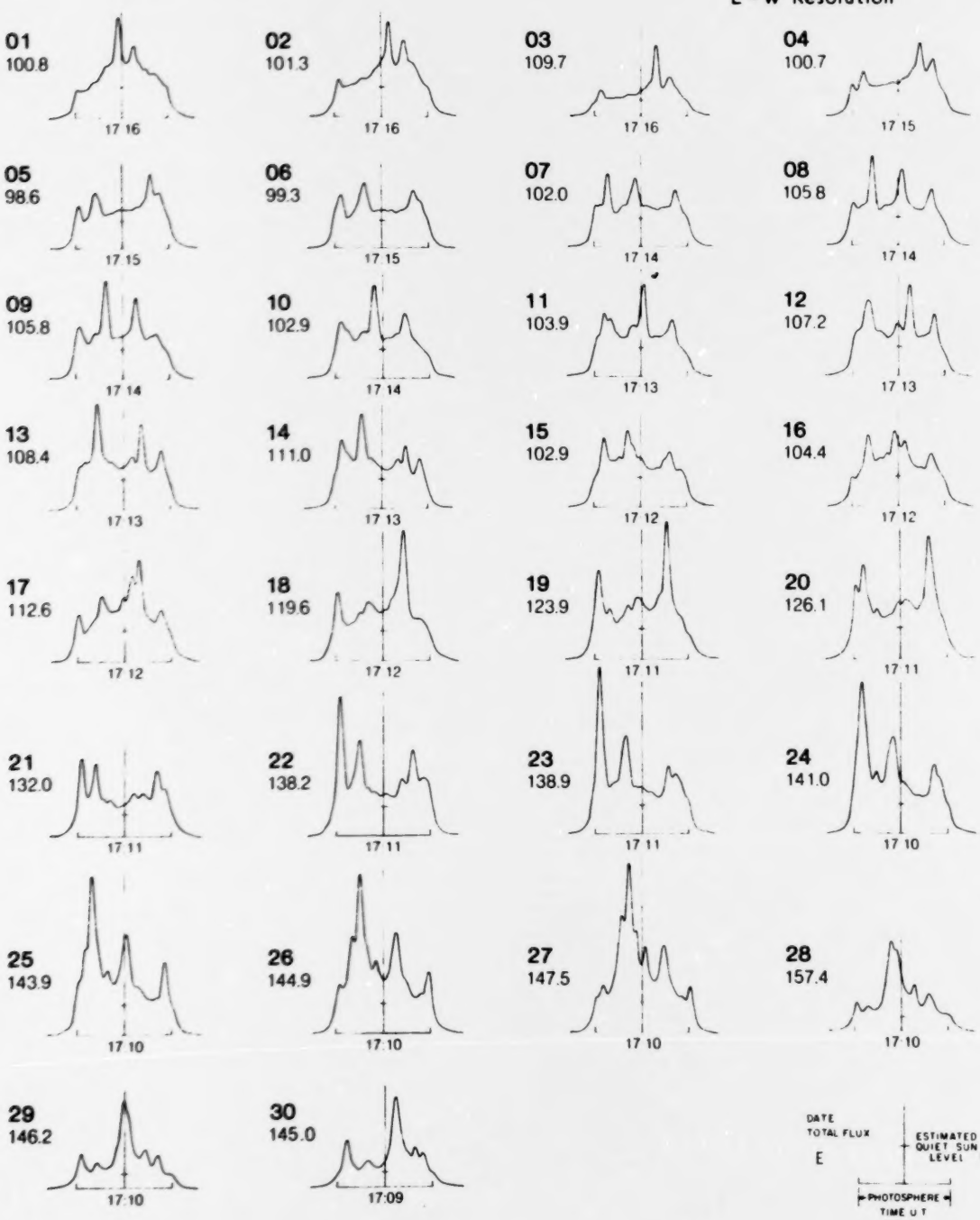


EAST-WEST SOLAR SCANS

APRIL 1983

. ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

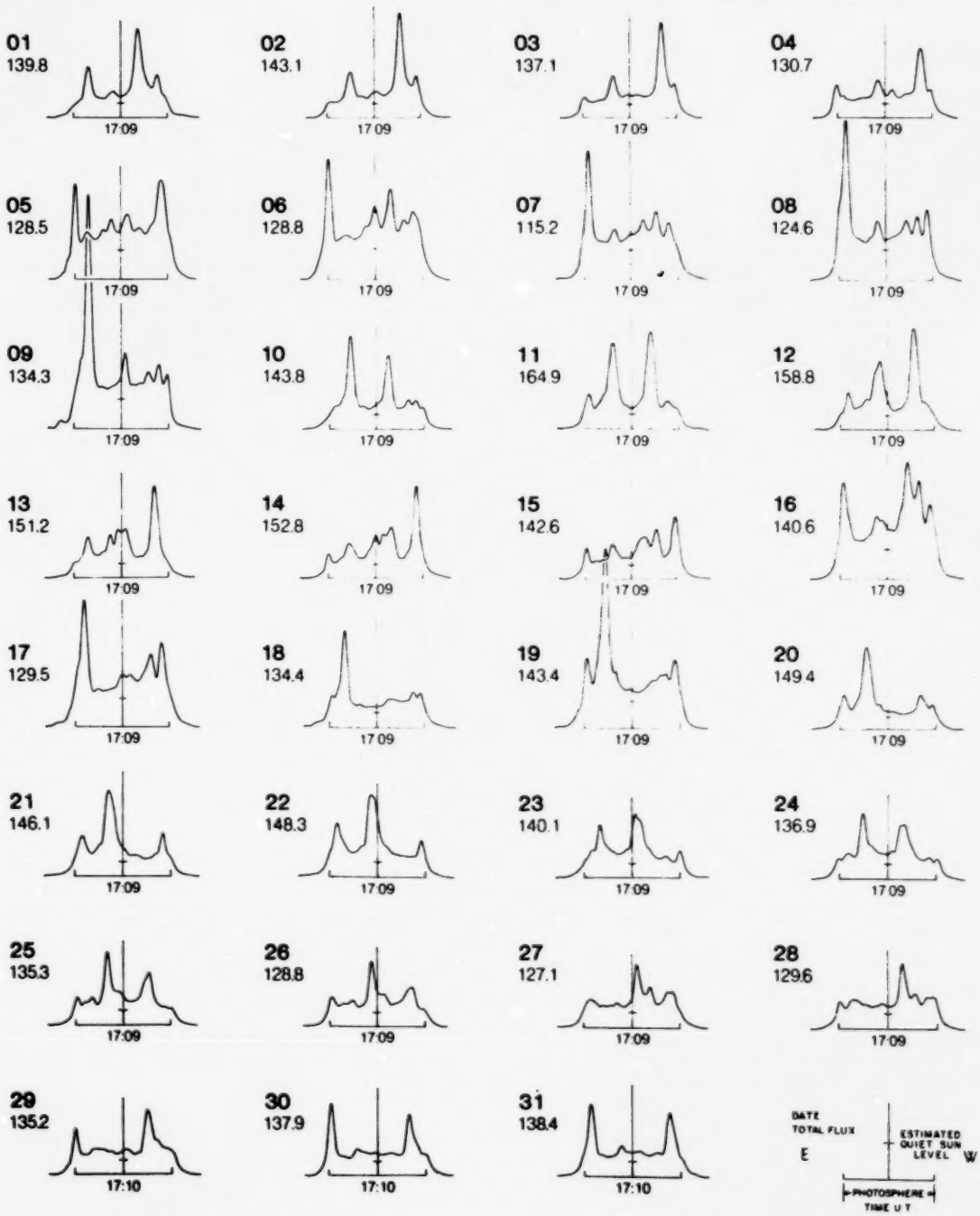


EAST-WEST SOLAR SCANS

MAY 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

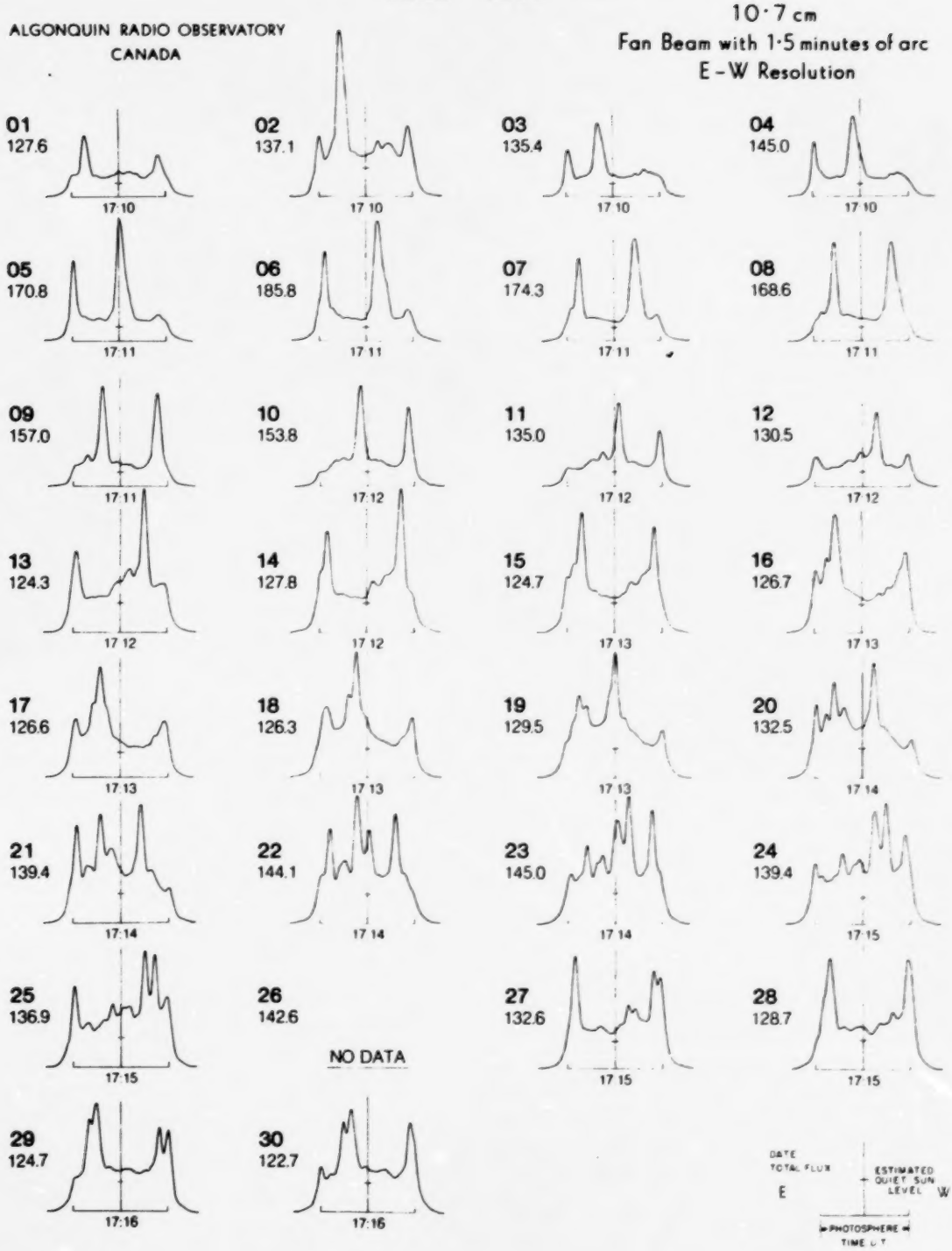


EAST-WEST SOLAR SCANS

JUNE 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

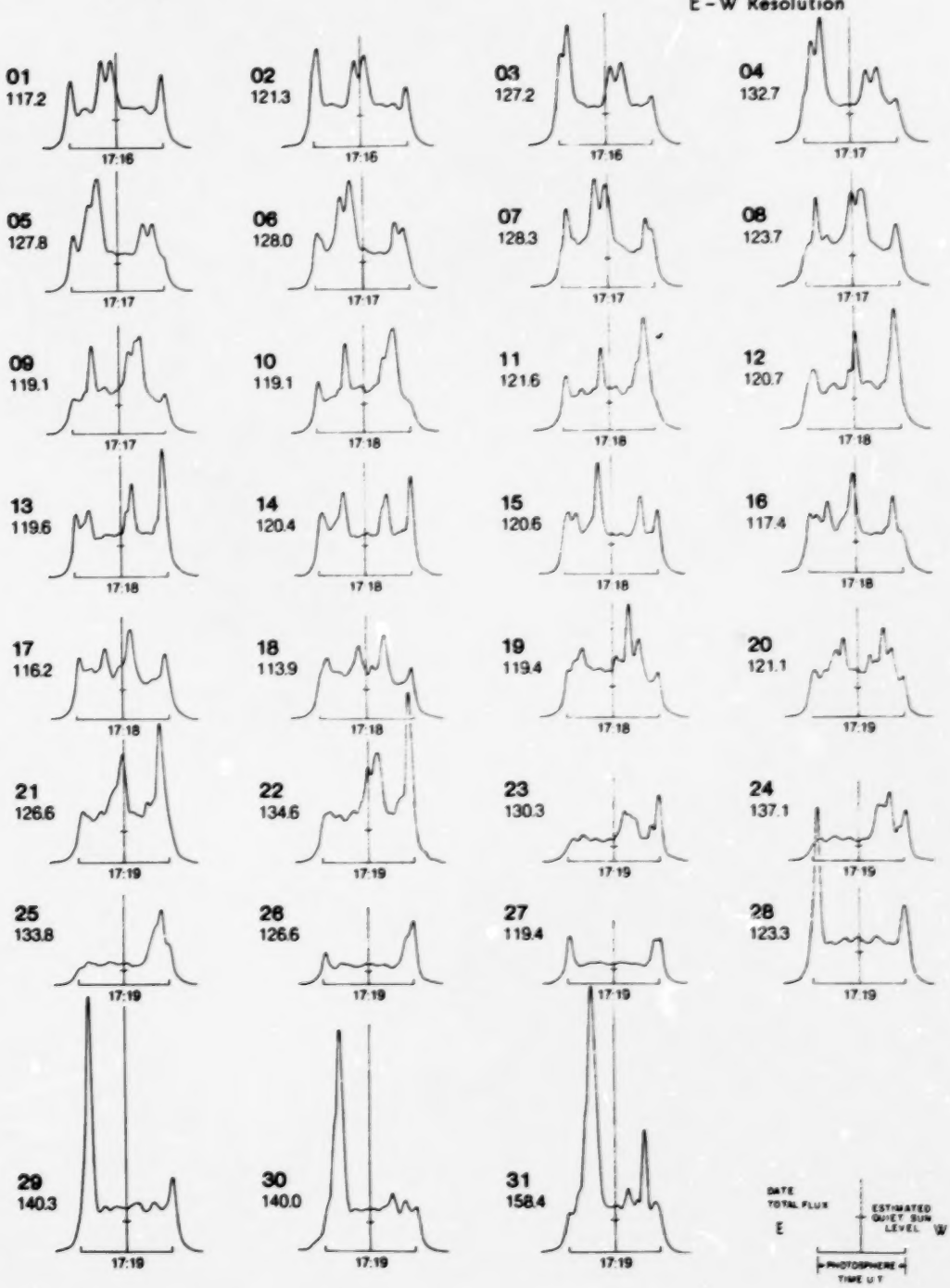


EAST-WEST SOLAR SCANS

JULY 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

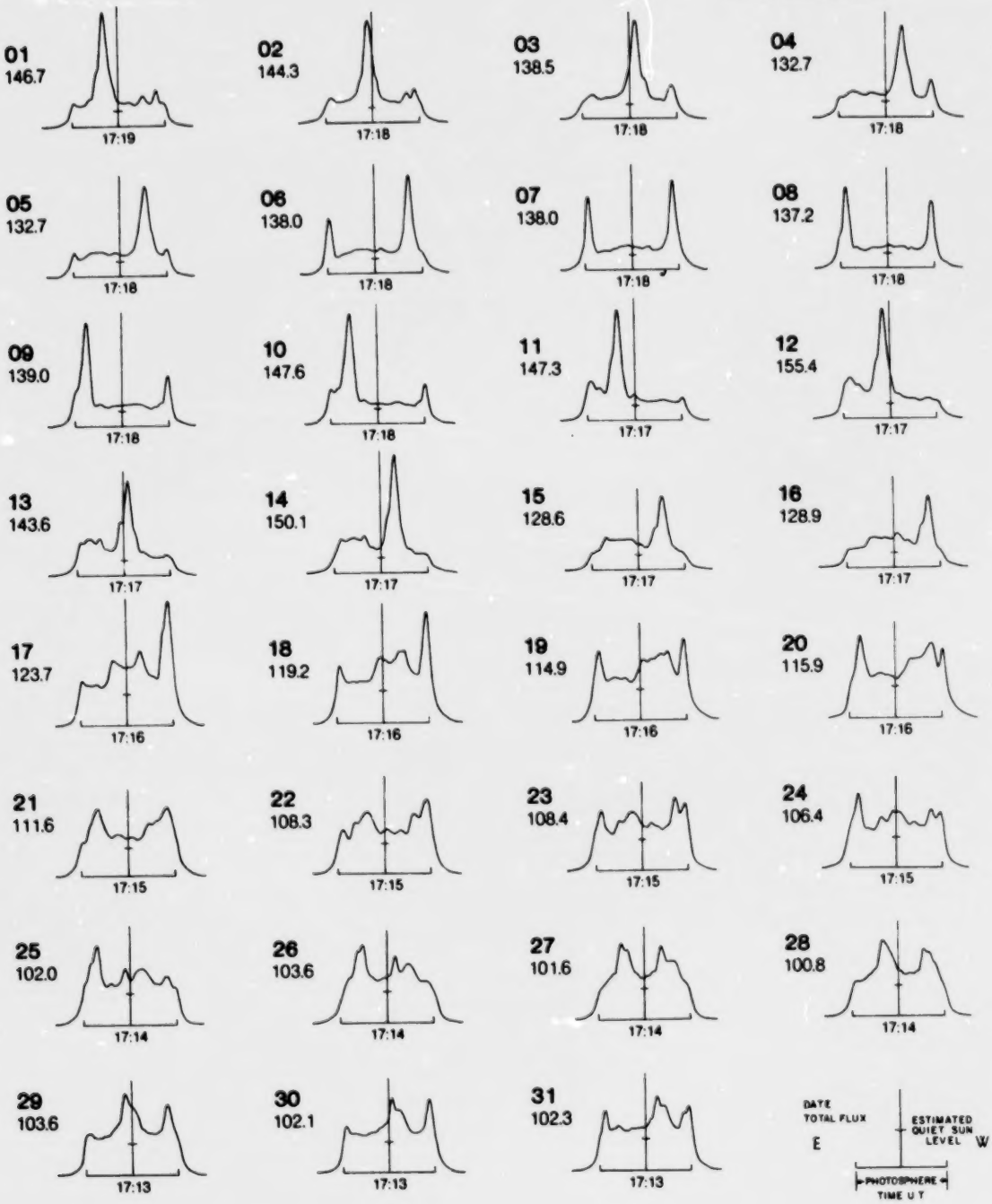


EAST-WEST SOLAR SCANS

AUGUST 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

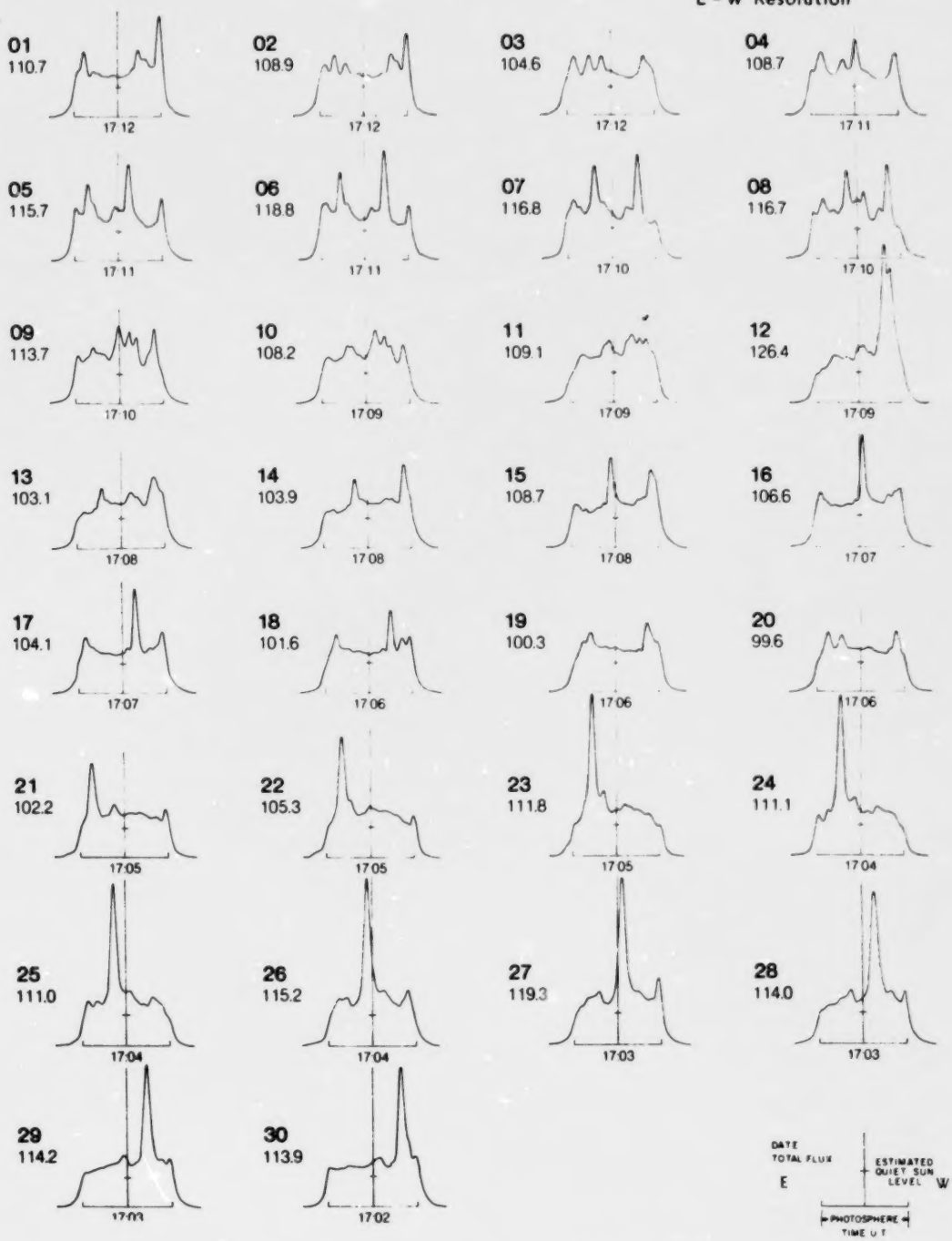


EAST-WEST SOLAR SCANS

SEPTEMBER 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

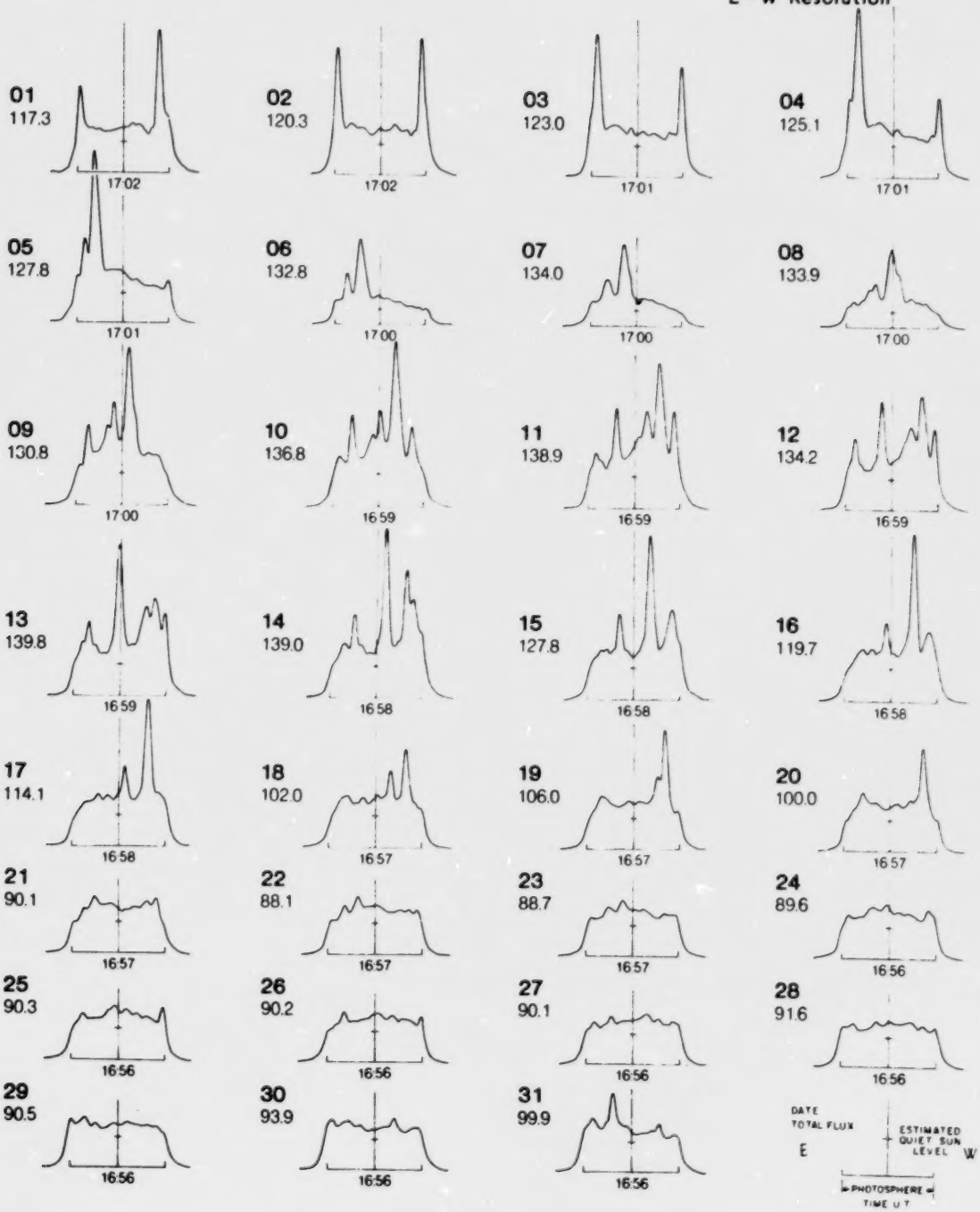


EAST-WEST SOLAR SCANS

OCTOBER 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

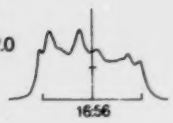


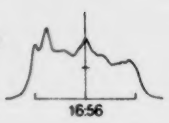
EAST-WEST SOLAR SCANS

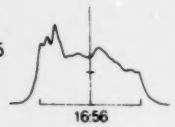
NOVEMBER 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

01 102.0


02 99.2


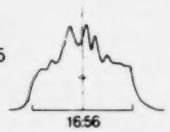
03 98.5


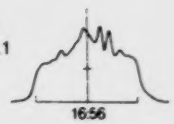
04 104.9
NO DATA

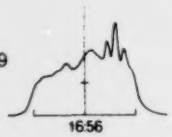
05 106.9
NO DATA

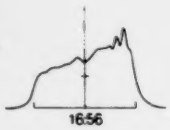
06
NO DATA

07 110.5
NO DATA

08 105.5


09 101.1


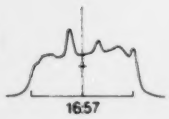
10 102.9


11 98.7


12 91.5

13 93.9

14 93.0

15 93.0


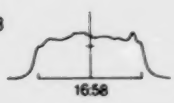
16 92.6

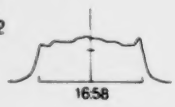
17 87.6

18 86.4

19 84.3

20 82.3

21 81.3


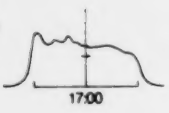
22 82.2


23 80.2

24 80.9

25 81.3

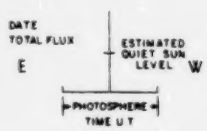
26 82.5

27 86.7


28 89.0

29 91.9

30 92.6

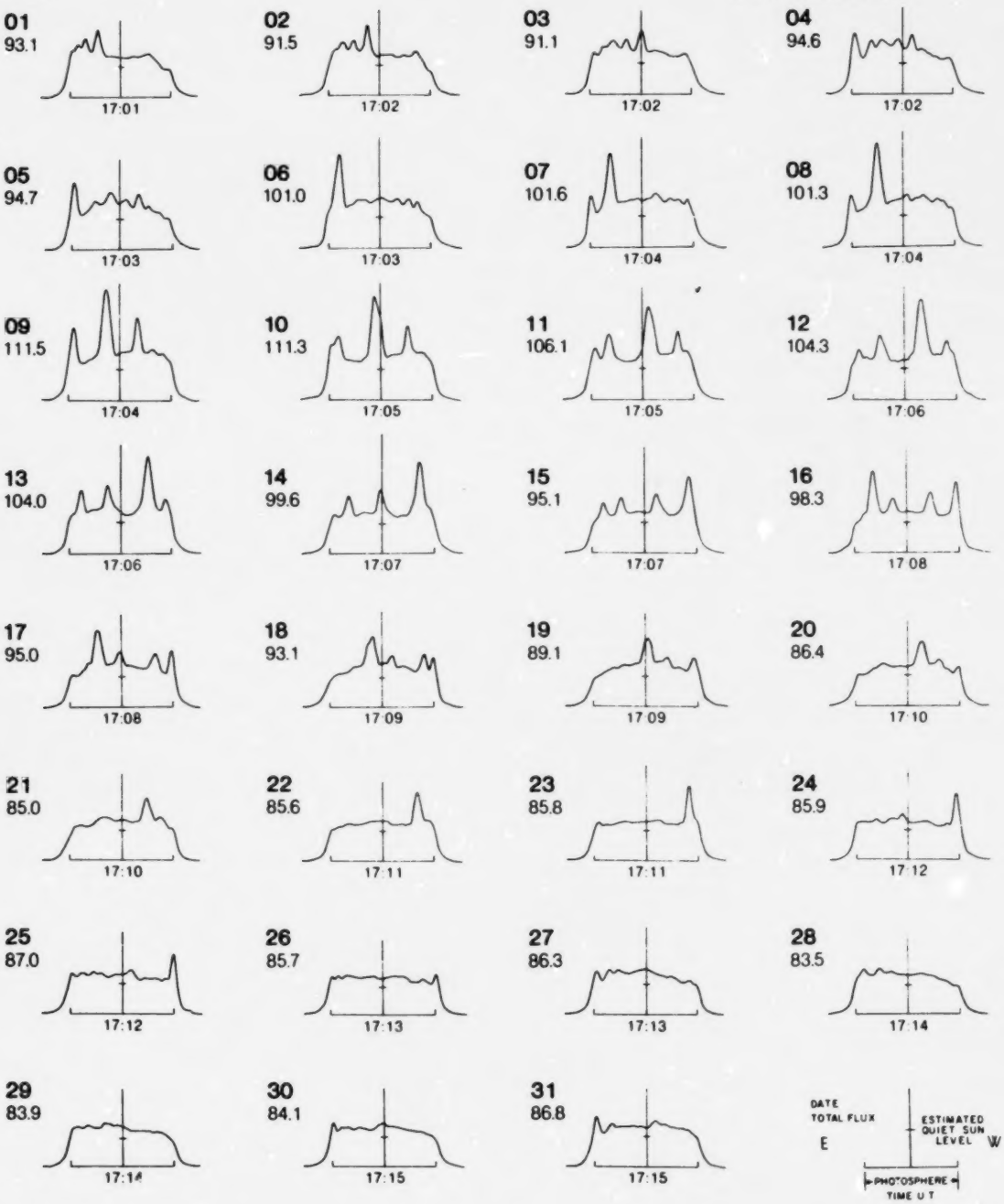


EAST-WEST SOLAR SCANS

DECEMBER 1983

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

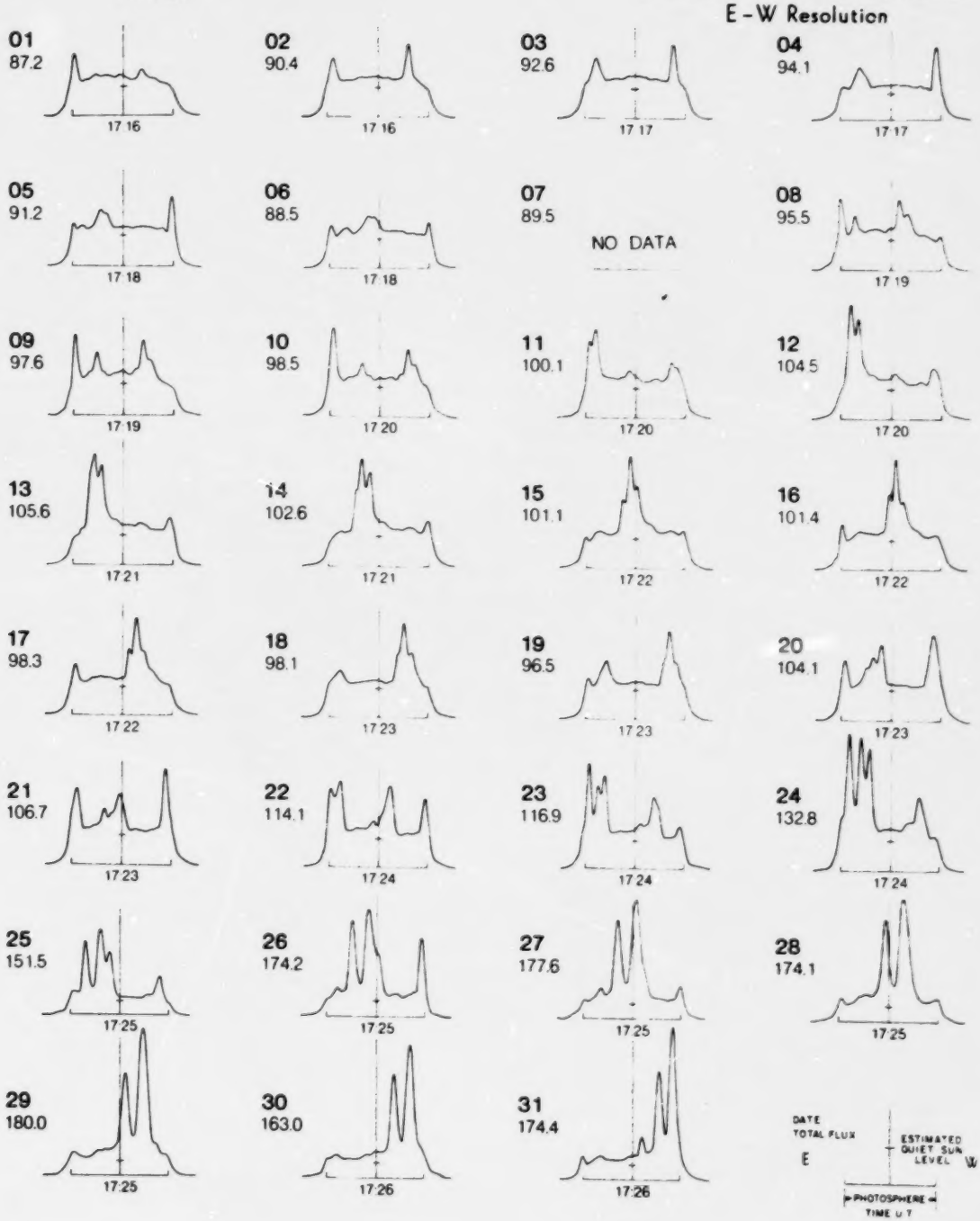


EAST-WEST SOLAR SCANS

JANUARY 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

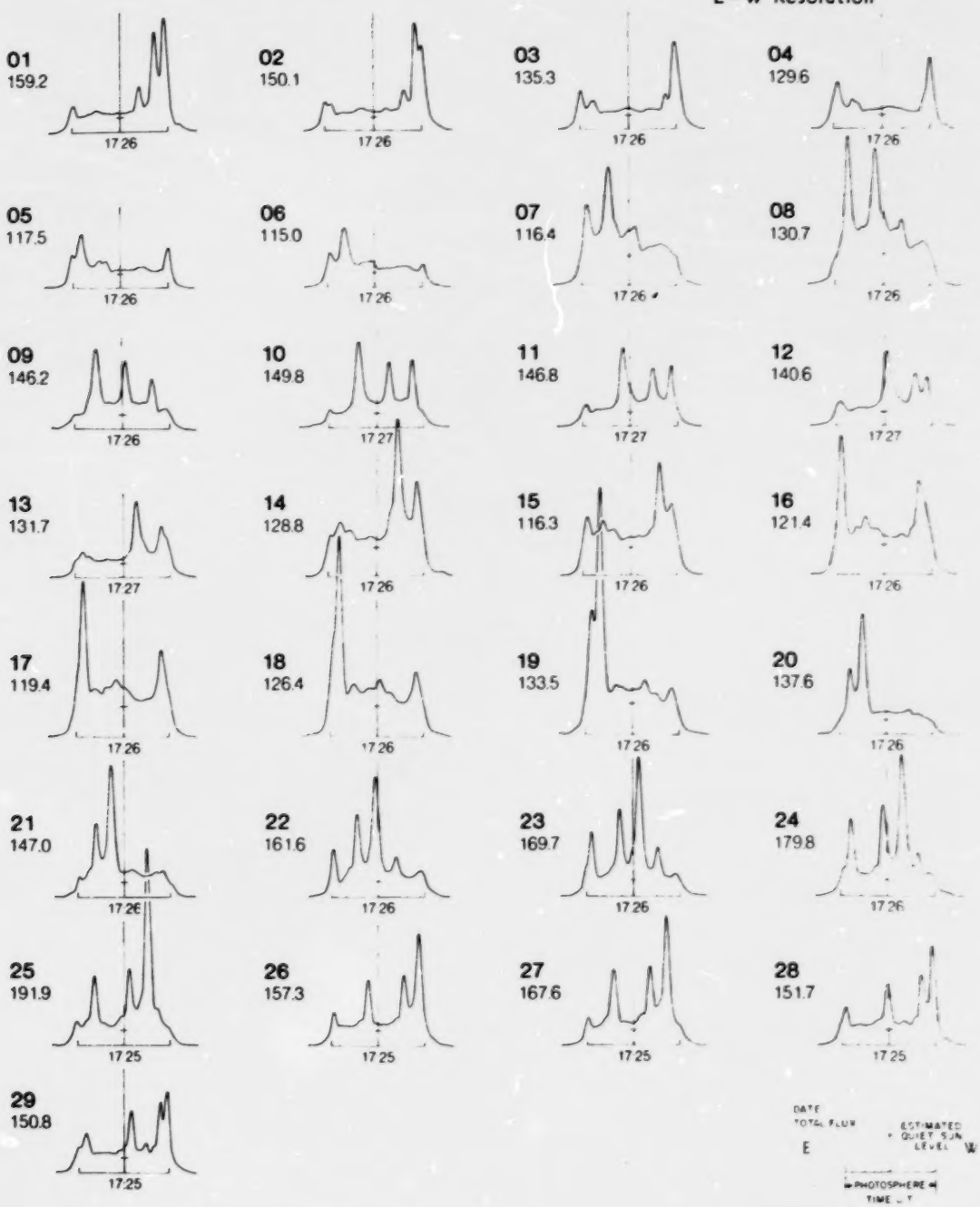


EAST-WEST SOLAR SCANS

FEBRUARY 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

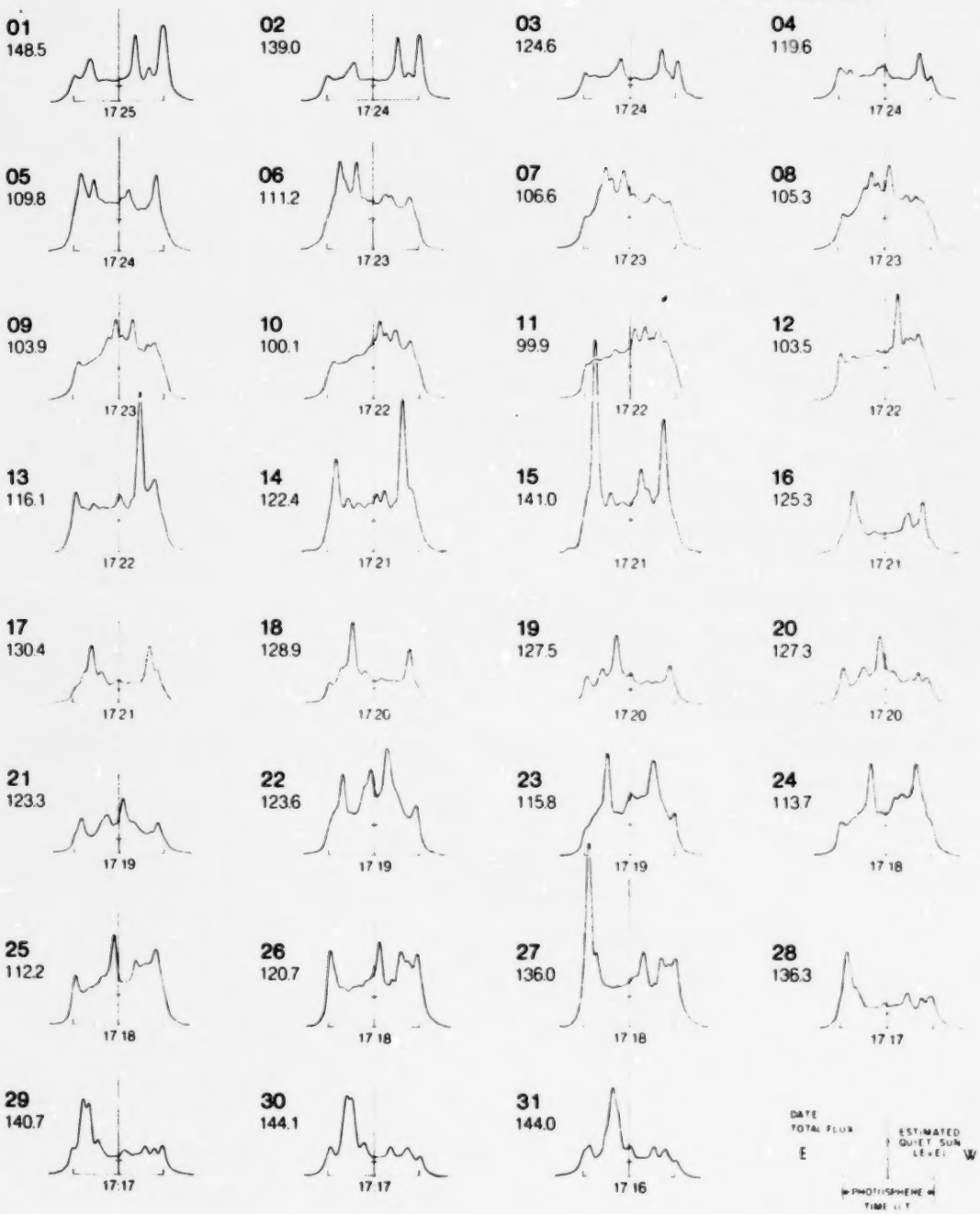


EAST-WEST SOLAR SCANS

MARCH 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

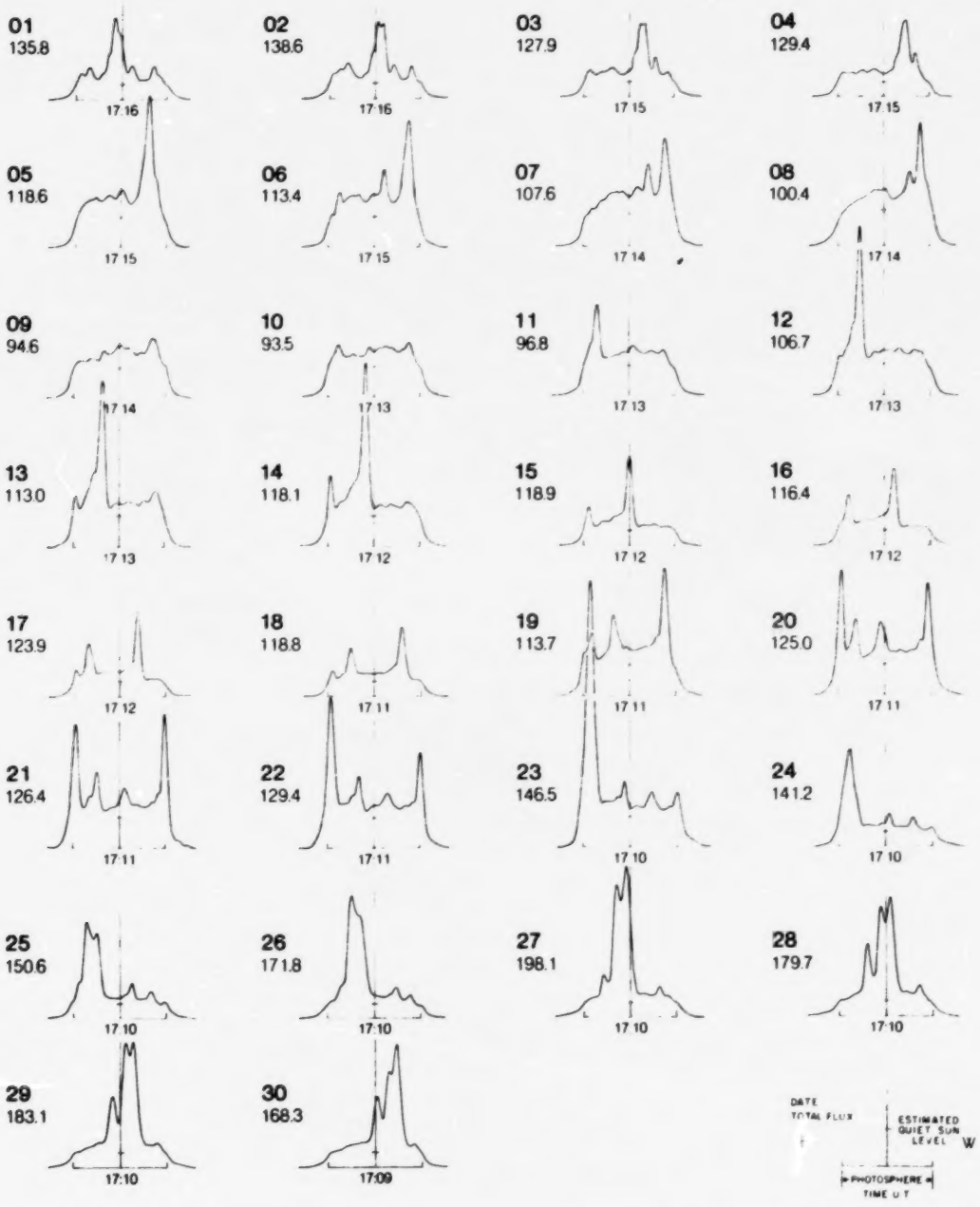


EAST-WEST SOLAR SCANS

APRIL 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

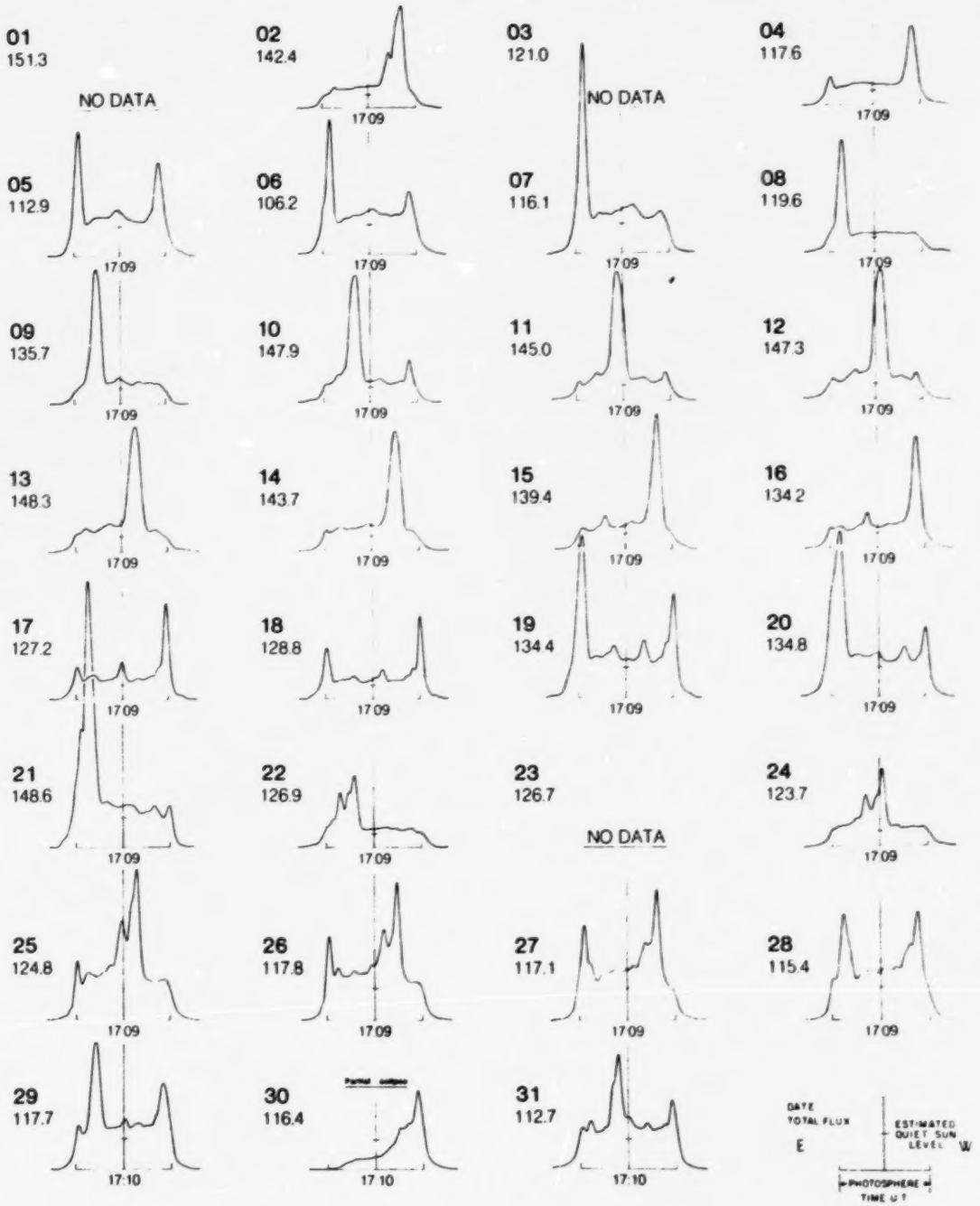


EAST-WEST SOLAR SCANS

MAY 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

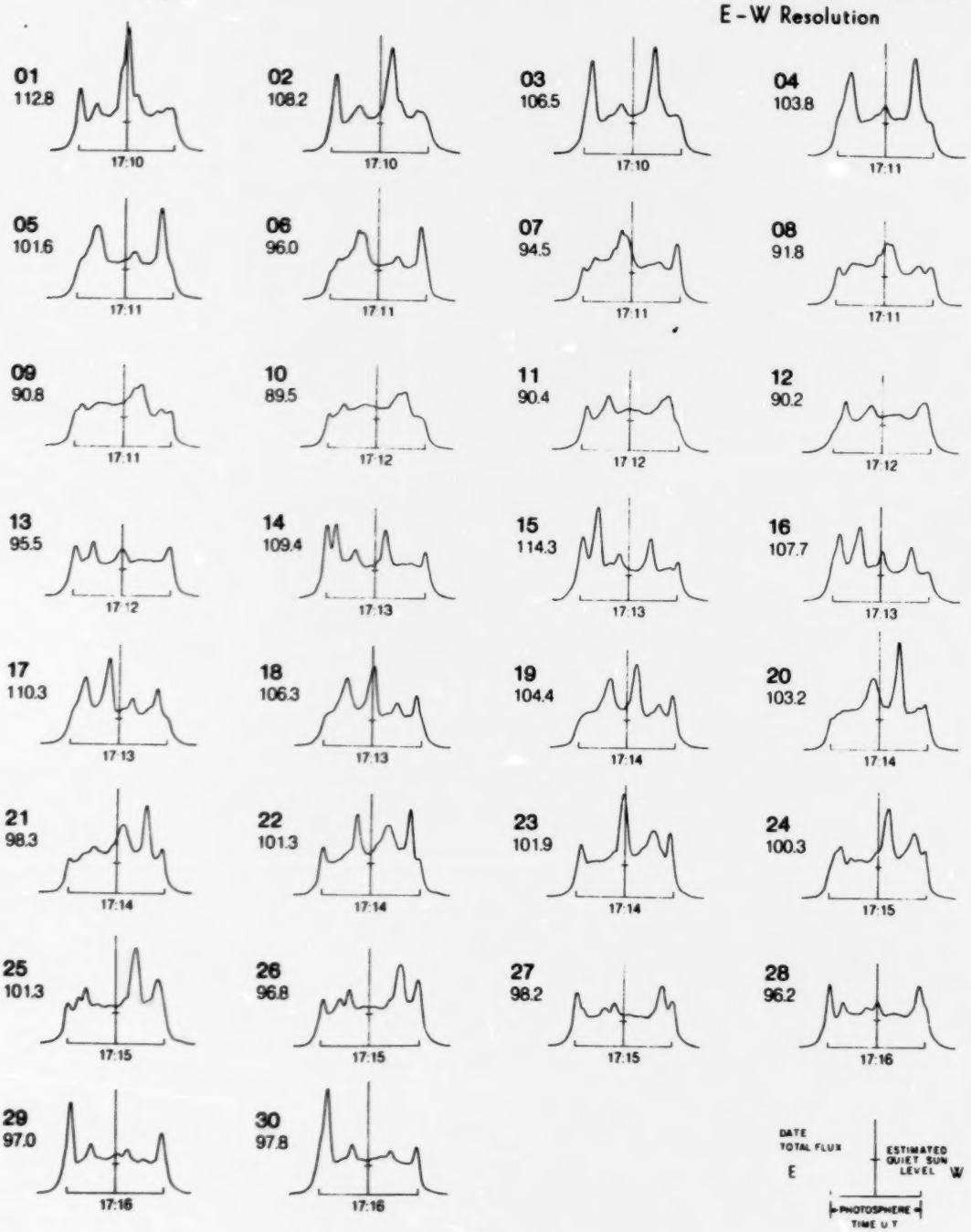


EAST-WEST SOLAR SCANS

JUNE 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

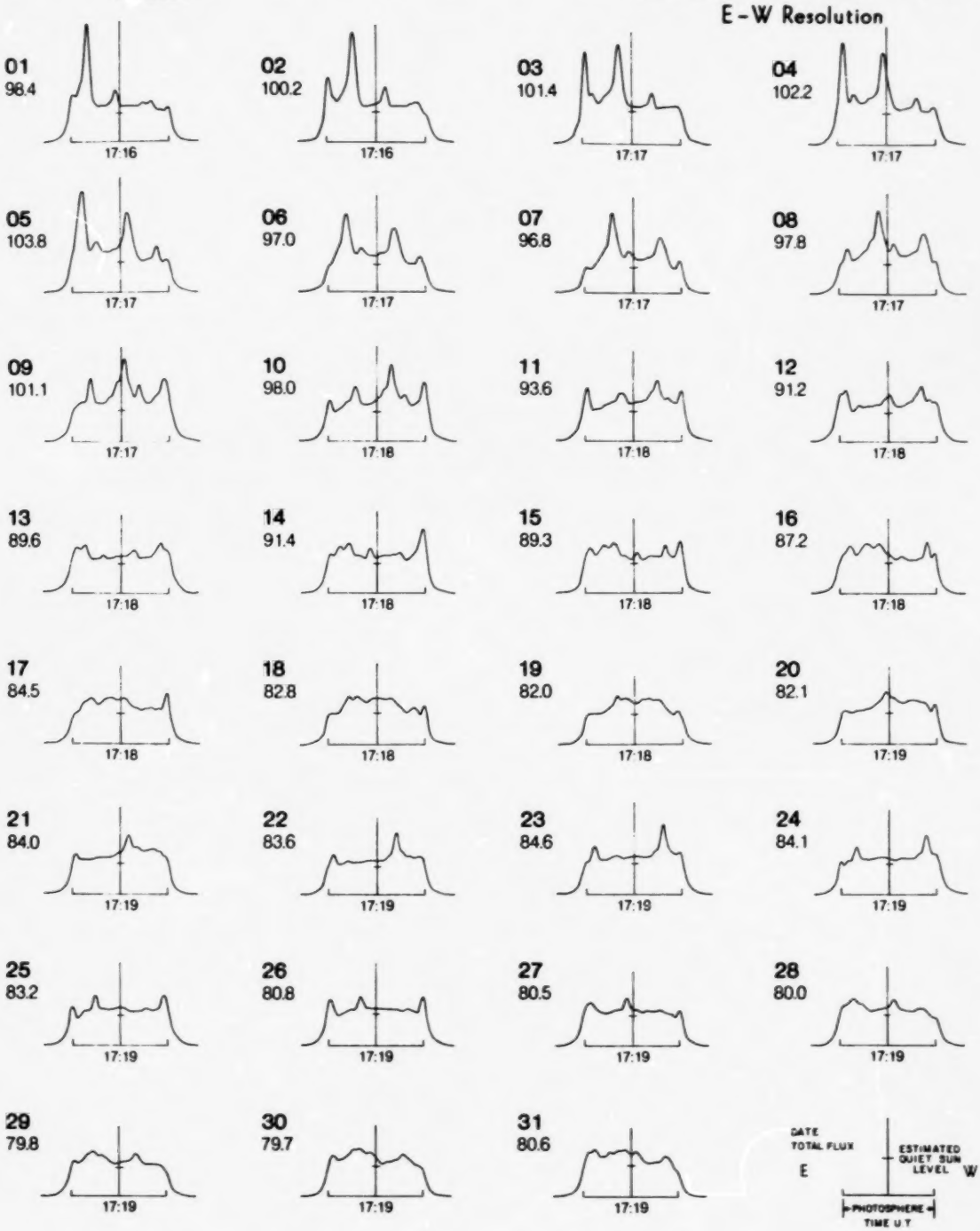


EAST-WEST SOLAR SCANS

JULY 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

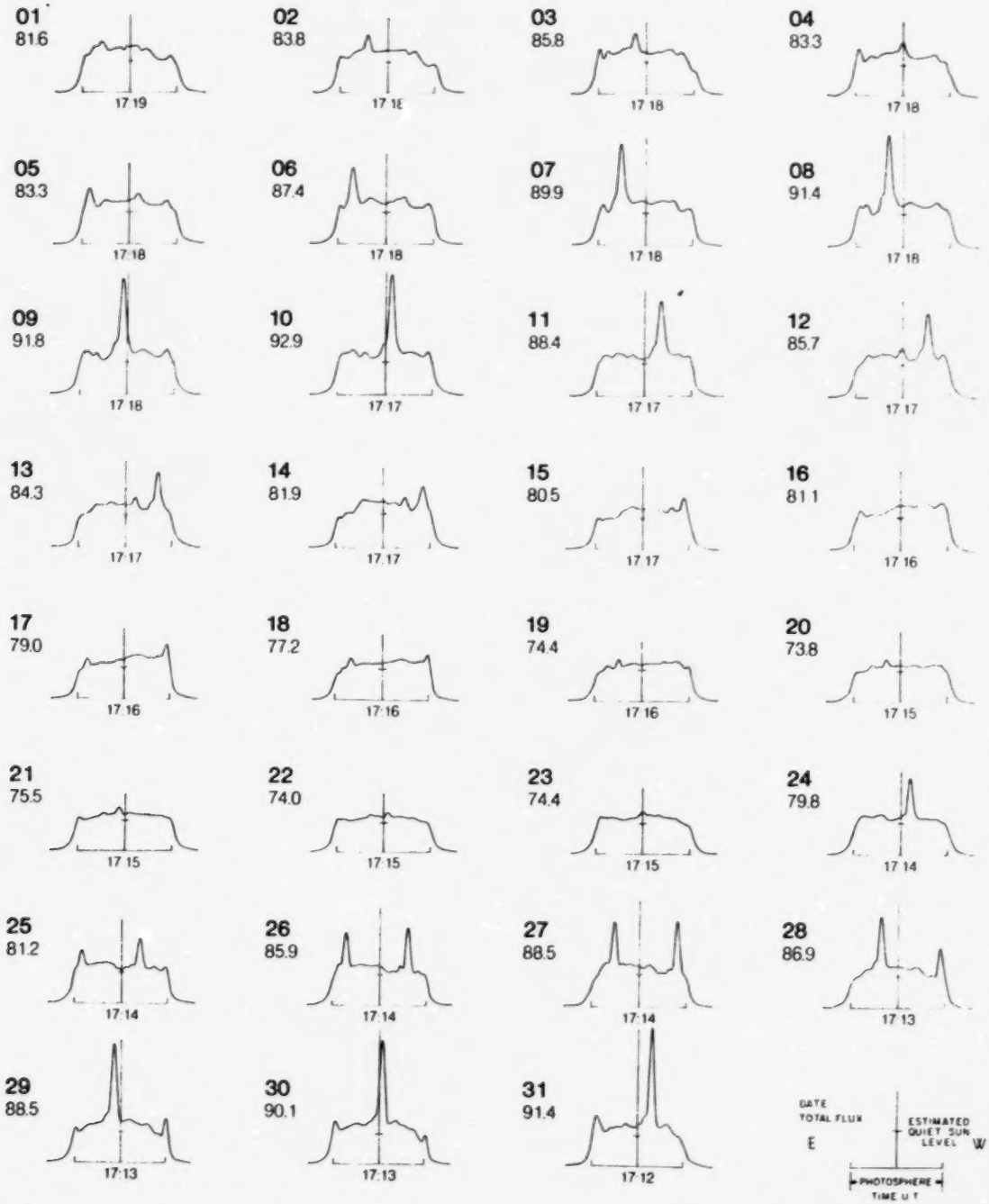


EAST-WEST SOLAR SCANS

AUGUST 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

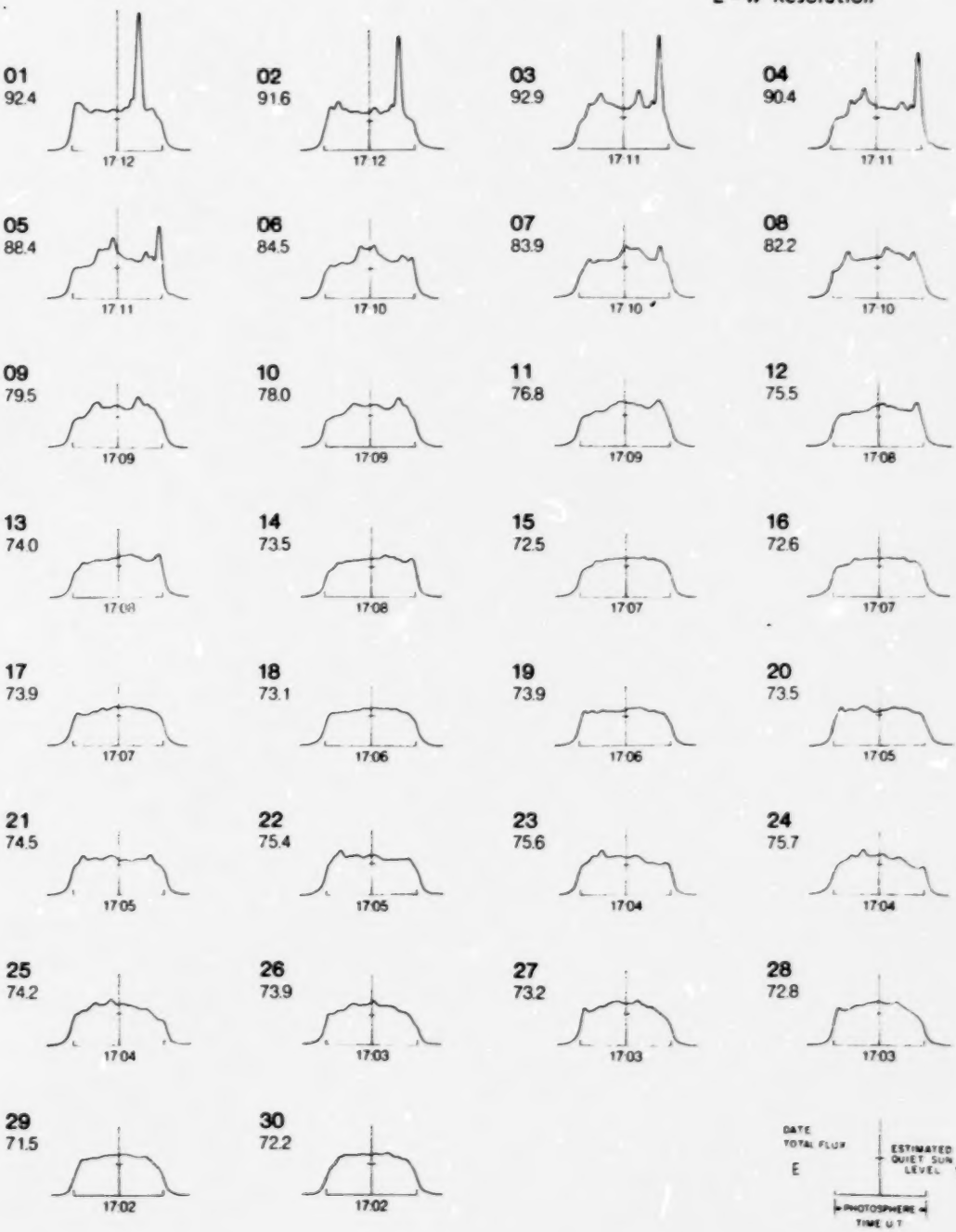


EAST-WEST SOLAR SCANS

SEPTEMBER 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

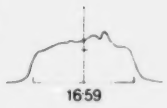
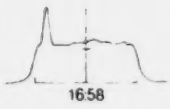
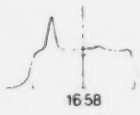
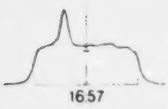


EAST-WEST SOLAR SCANS

OCTOBER 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

01 71.9 17:02	02 74.7 17:01	03 75.1 17:01	04 75.2 17:01
05 74.0 17:00	06 73.3 17:00	07 73.6 17:00	08 74.7 17:00
09 73.7 16:59	10 74.3  16:59	11 74.6 16:59	12 74.2 16:59
13 75.1 16:58	14 73.6 16:58	15 76.9  16:58	16 77.1  16:58
17 76.7  16:57	18 77.1 16:57	19 74.8 16:57	20 74.2 16:57
21 73.9 16:57	22 75.3 16:57	23 73.4 16:57	24 71.6 16:56
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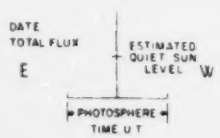
29 69.2 16:56	30 69.8 16:56	31 70.9 16:56	

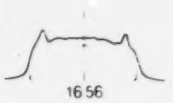
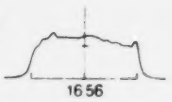
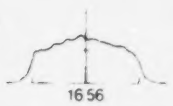
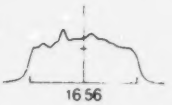
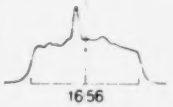
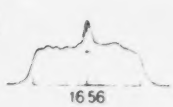
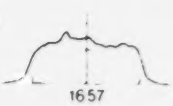
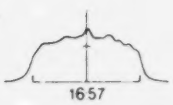
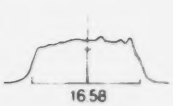
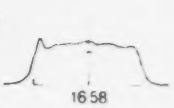
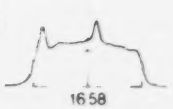
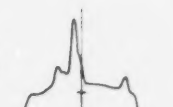


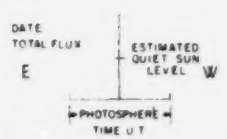
EAST-WEST SOLAR SCANS

NOVEMBER 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

01 70.6 16.56	**02** 71.2 16.56	**03** 73.2  16.56	**04** 73.4 NO DATA
05 72.9  16.56	**06** 72.3 16.56	**07** 71.4 16.56	**08** 71.9  16.56
09 74.1  16.56	**10** 77.3  16.56	**11** 74.6  16.56	**12** 74.4 16.56
13 73.1 16.57	**14** 73.5 16.57	**15** 74.5  16.57	**16** 72.3 16.57
17 72.7  16.57	**18** 73.4  16.58	**19** 74.1  16.58	**20** 76.6  16.58
21 80.2 16.58	**22** 80.2 16.58	**23** 81.3 16.59	**24** 83.3 16.59
25 85.3  16.59	**26** 84.7 17.00	**27** 85.9 17.00	**28** 83.3 17.00
29 79.2 17.01	**30** 78.6 17.01		

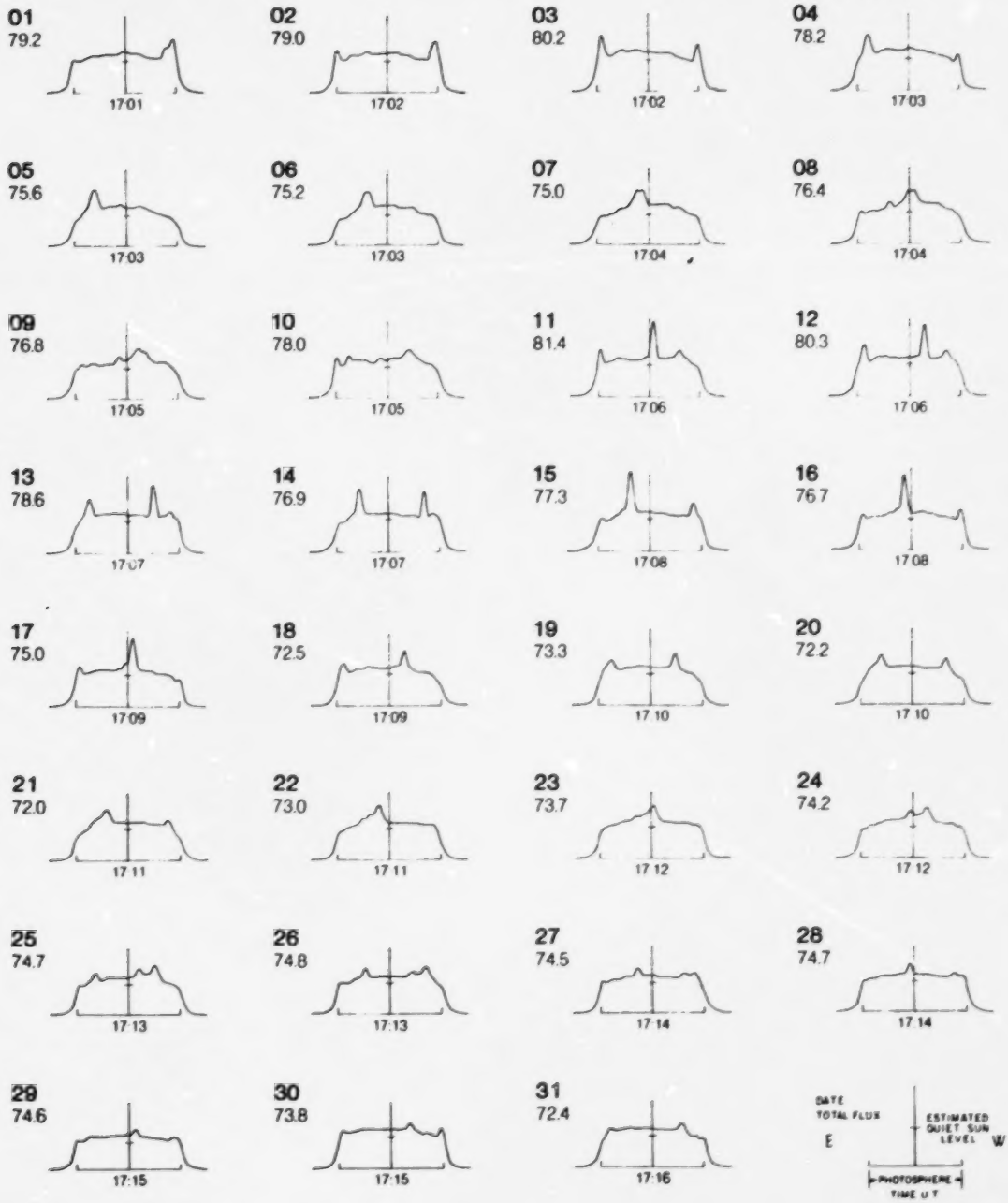


EAST-WEST SOLAR SCANS

DECEMBER 1984

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

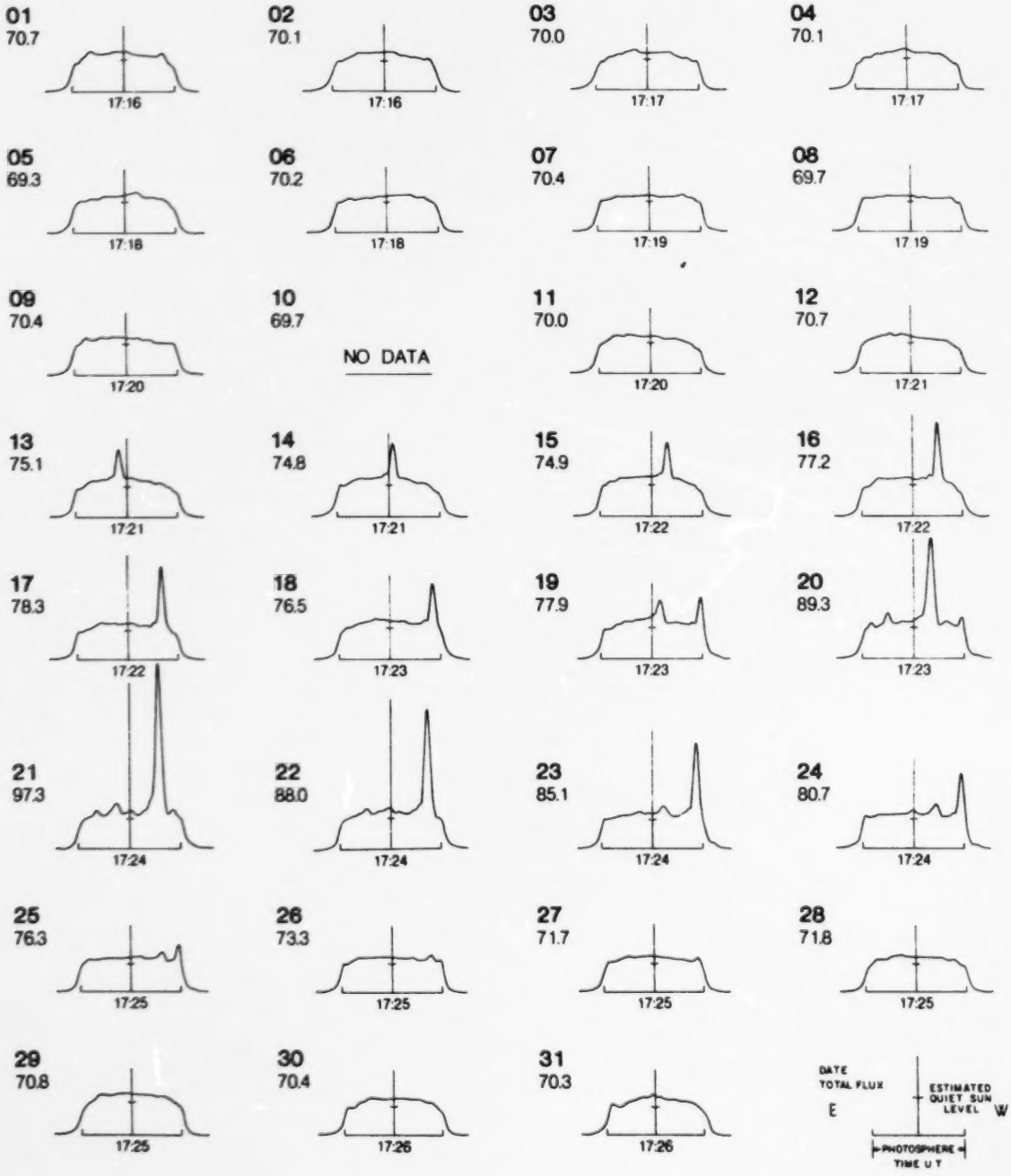


EAST-WEST SOLAR SCANS

JANUARY 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

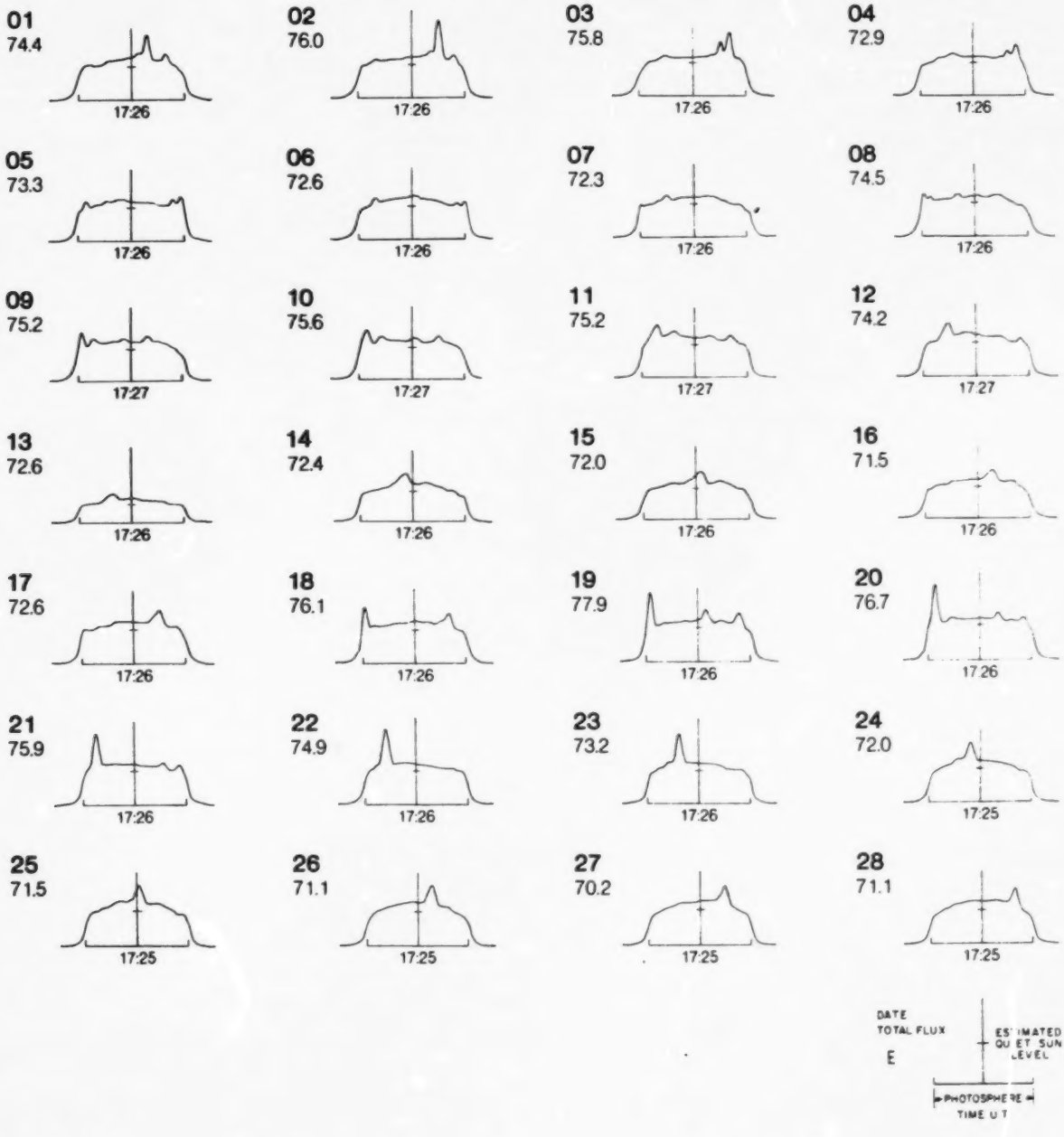


EAST-WEST SOLAR SCANS

FEBRUARY 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

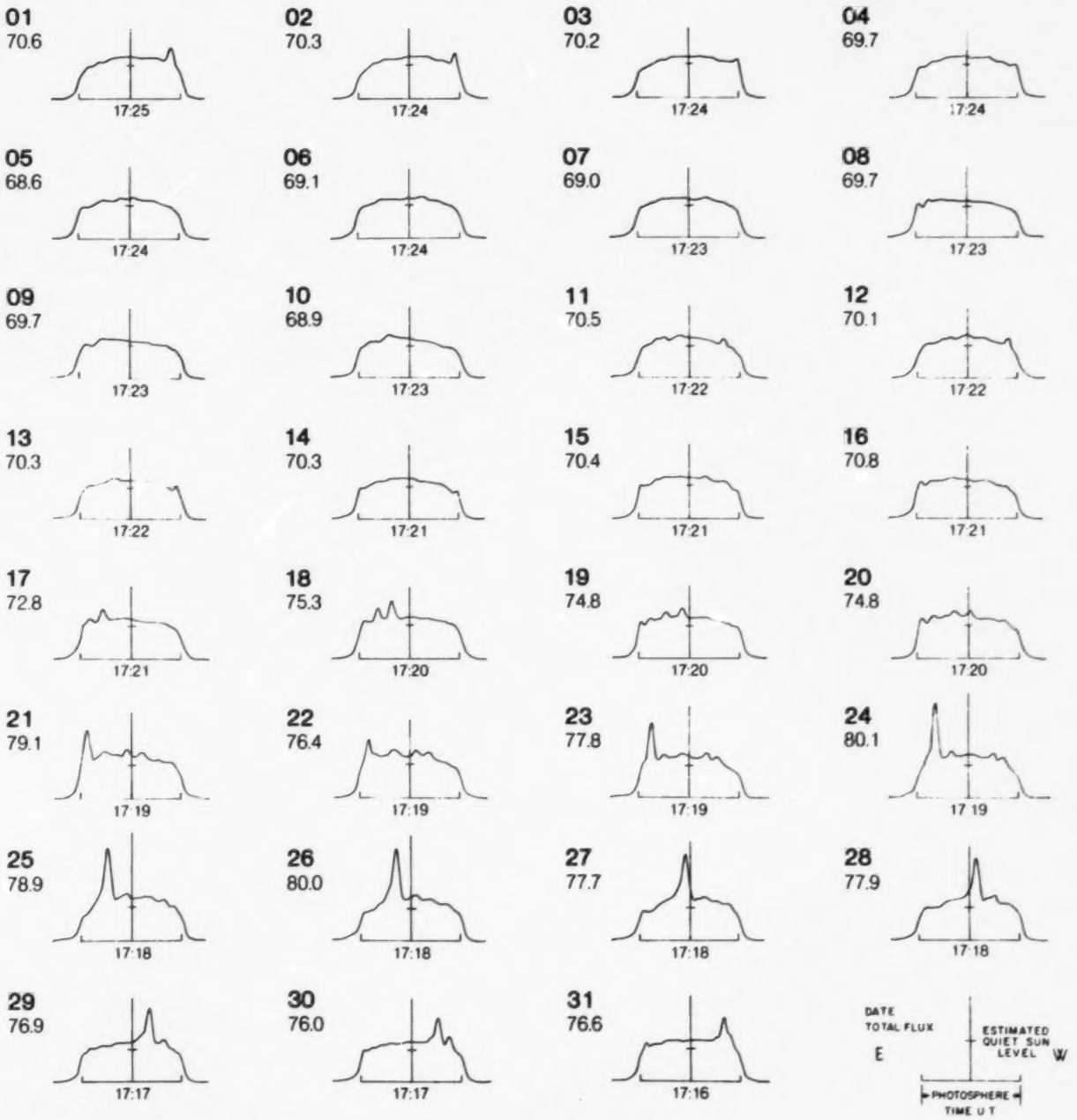


EAST-WEST SOLAR SCANS

MARCH 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS

APRIL 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

01 72.3 — NO DATA 17 16

02 72.7

03 72.5

04 71.8

05 71.1 — NO DATA 17 15

06 70.4

07 70.2

08 69.7

09 69.2

10 69.4

11 68.7

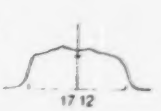
12 69.3

13 69.4

14 70.2

15 69.5

16 68.9



17 69.6

18 71.1

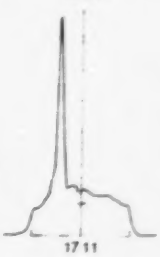
19 71.1

20 71.6

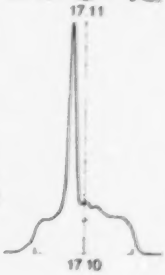
21 77.1

22 88.8

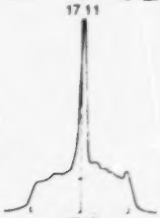
23 95.3



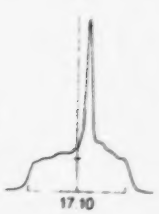
24 99.2



25 94.1

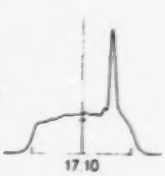


26 88.5

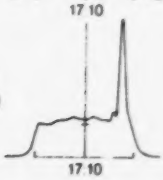


27 79.5

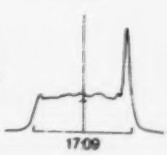
28 77.0



29 82.0



30 79.6

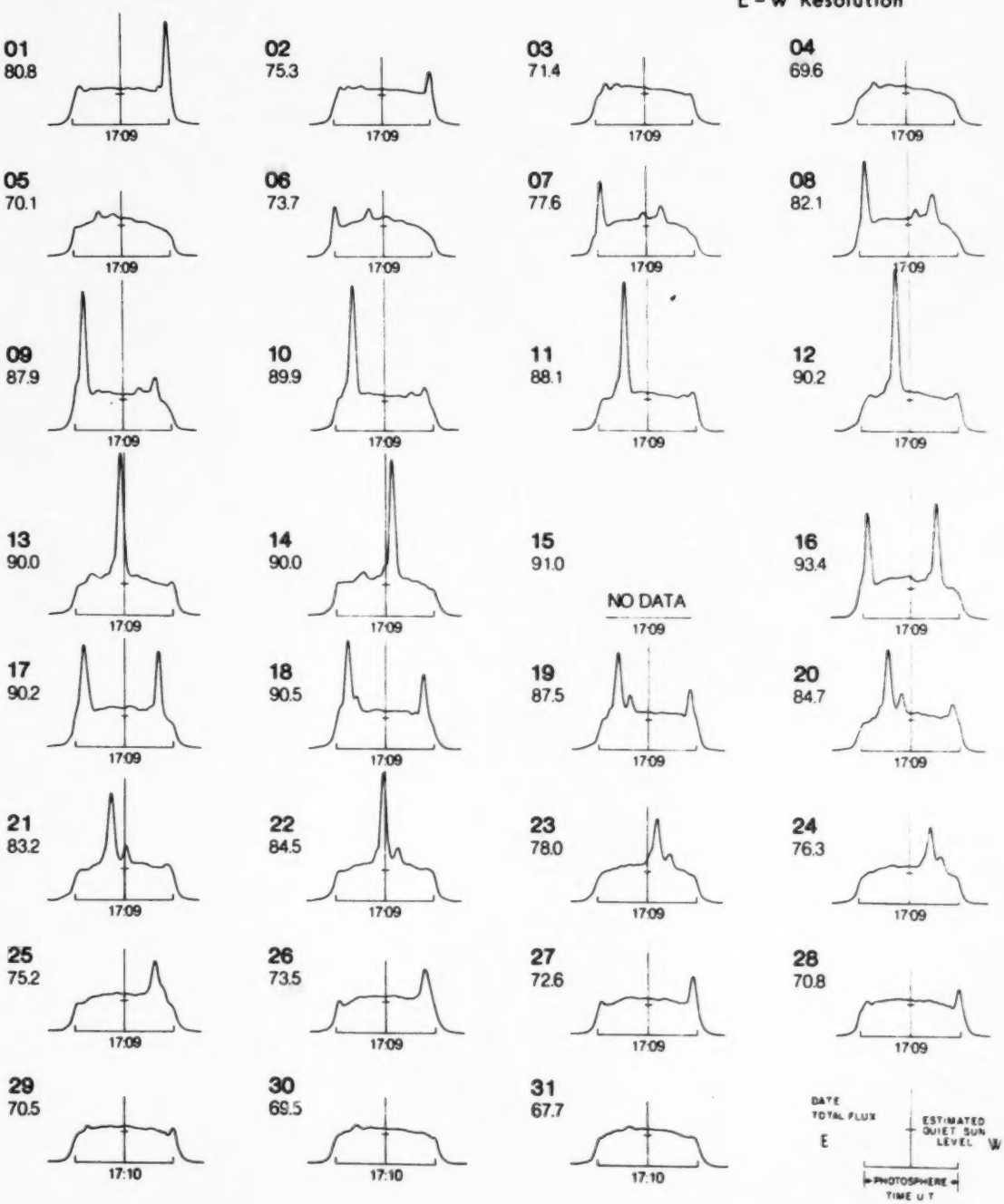


EAST-WEST SOLAR SCANS

MAY 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

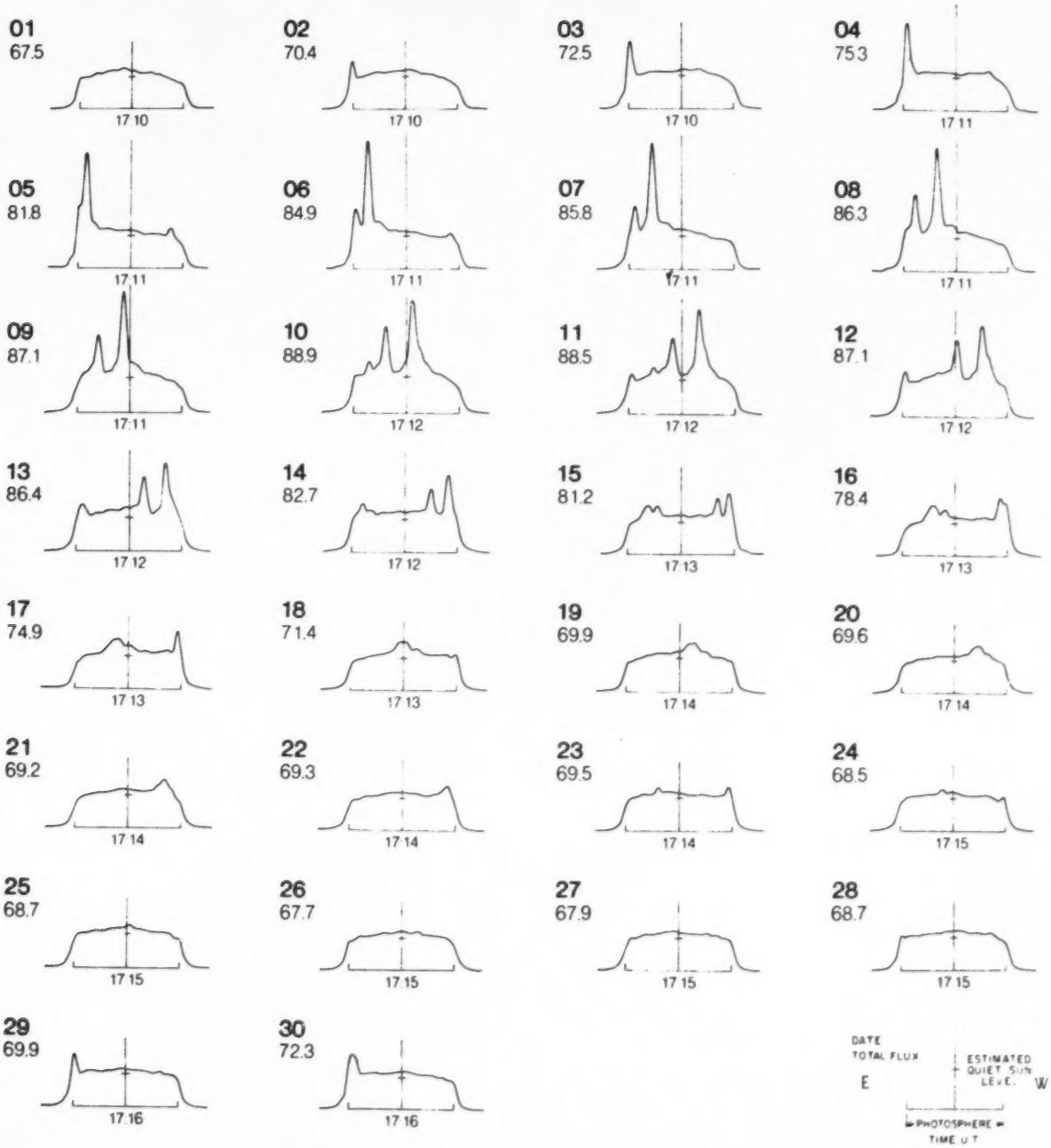


EAST-WEST SOLAR SCANS

JUNE 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

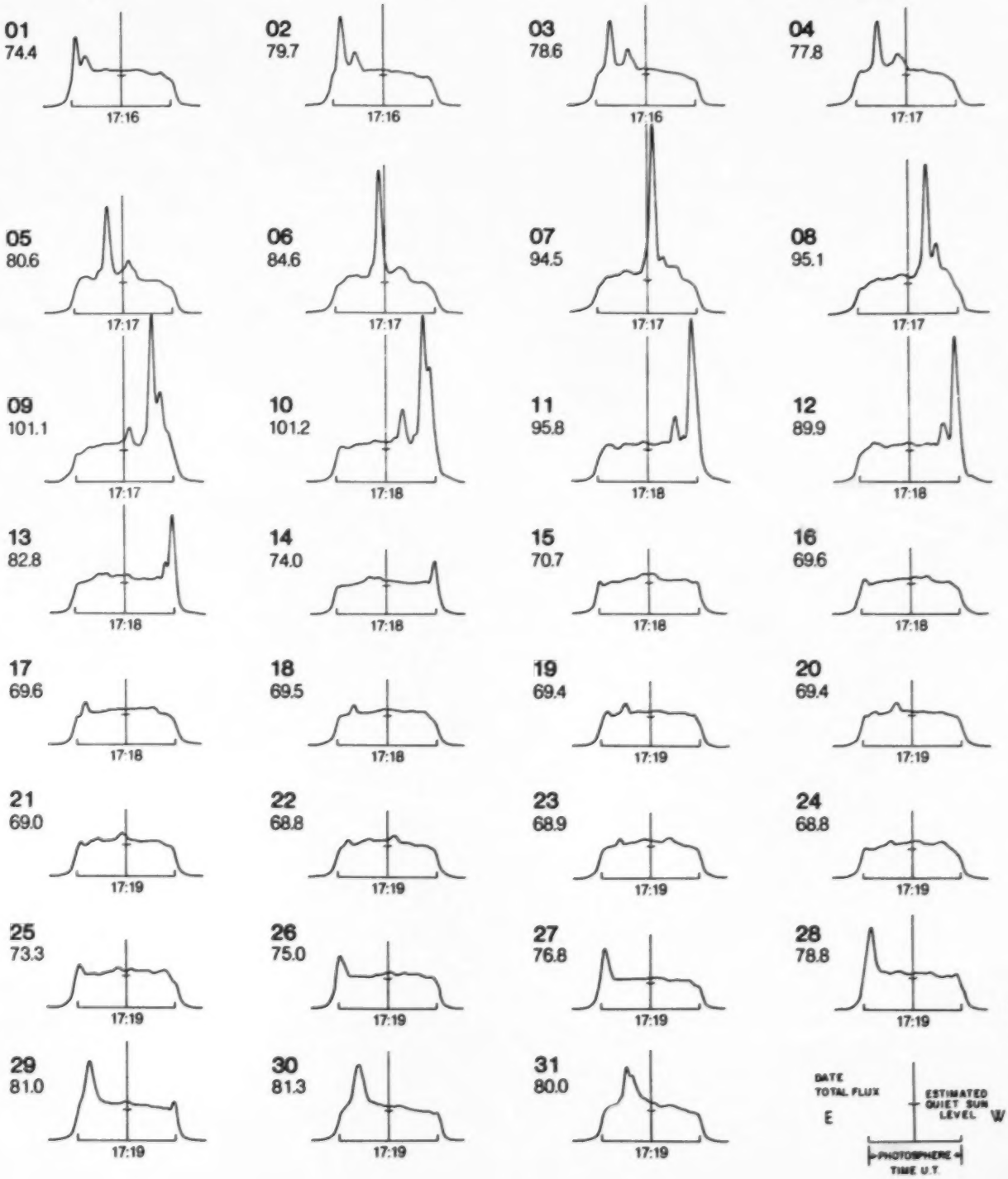


EAST-WEST SOLAR SCANS

JULY 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



EAST-WEST SOLAR SCANS

AUGUST 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

01 78.2

02 78.1

NO DATA

03 76.9

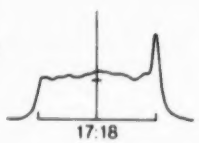
04 77.1

05 76.3

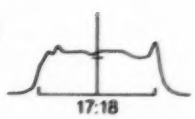
06 75.7

07 77.3

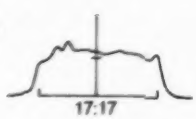
08 76.4



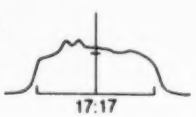
09 72.9



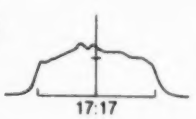
10 70.9



11 66.6



12 67.9

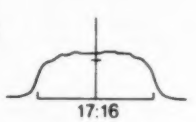


13 67.2

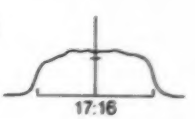
14 67.5

15 67.3

16 66.5



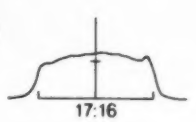
17 66.2



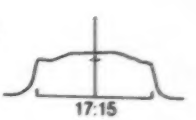
18 66.9

19 67.5

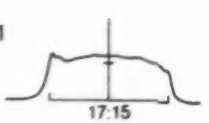
20 68.9



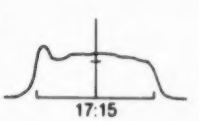
21 68.8



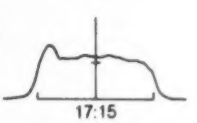
22 71.1



23 71.3



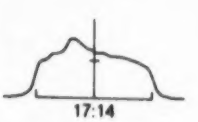
24 70.5



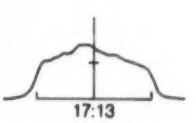
25 70.9

26 70.8

27 71.6



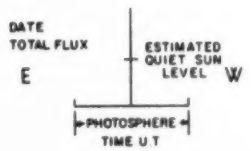
28 71.7



29 71.7

30 72.5

31 72.7

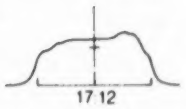


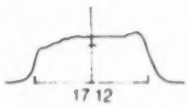
EAST-WEST SOLAR SCANS

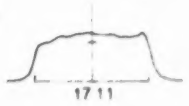
SEPTEMBER 1985

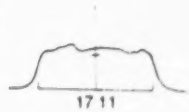
ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

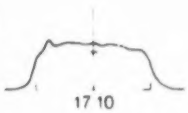
01 71.7


02 71.5


03 71.9


04 72.3


05 71.1

06 71.4


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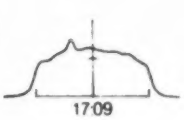
08 69.3

09 69.6


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11 68.3

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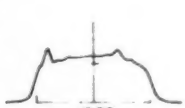

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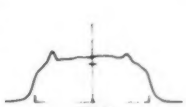

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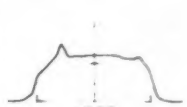

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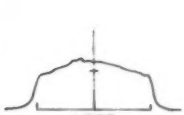

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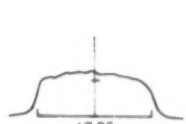

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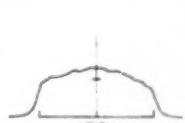

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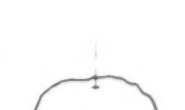

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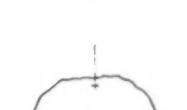


28 67.5

29 68.1

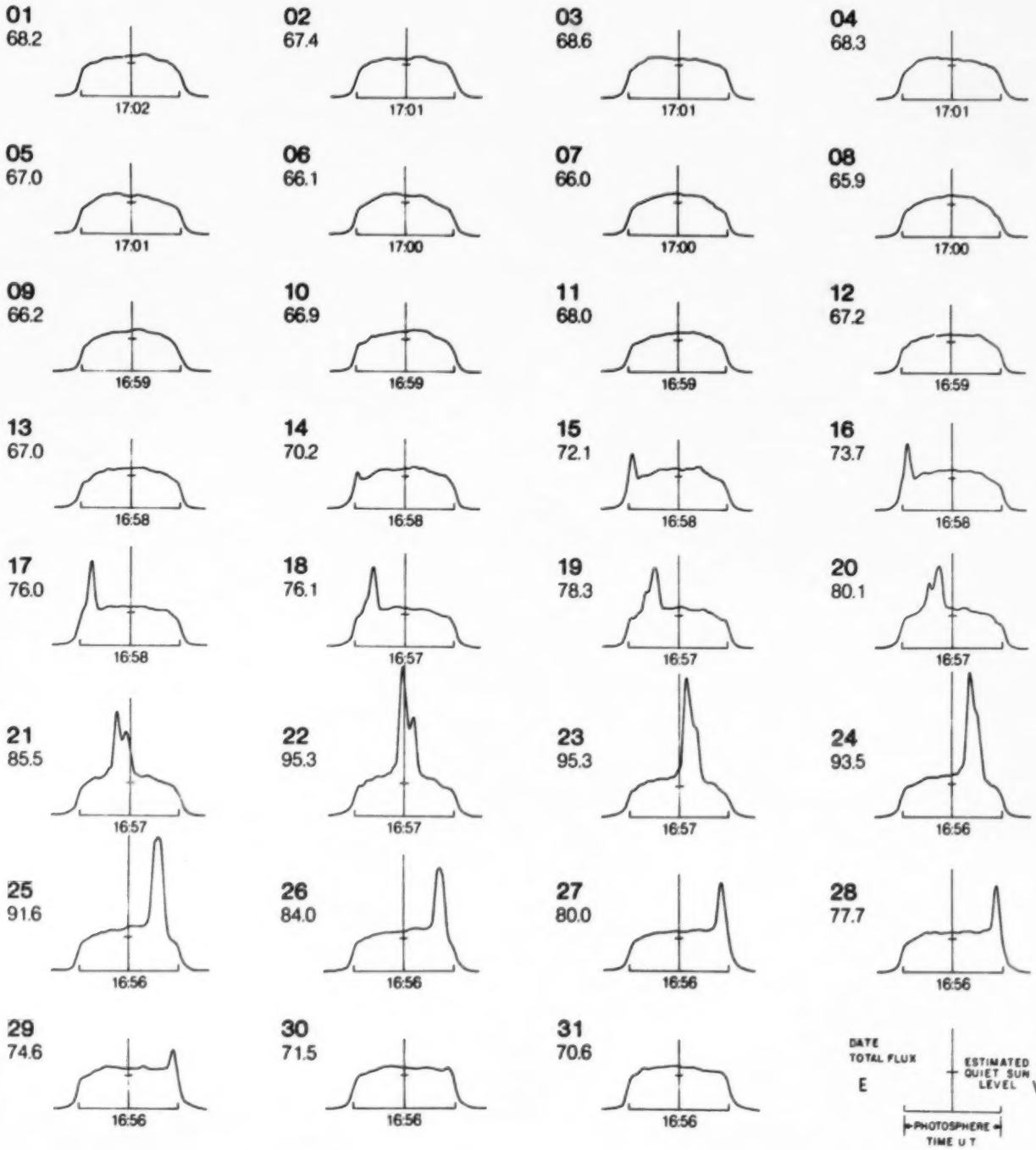
30 68.1

EAST-WEST SOLAR SCANS

OCTOBER 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

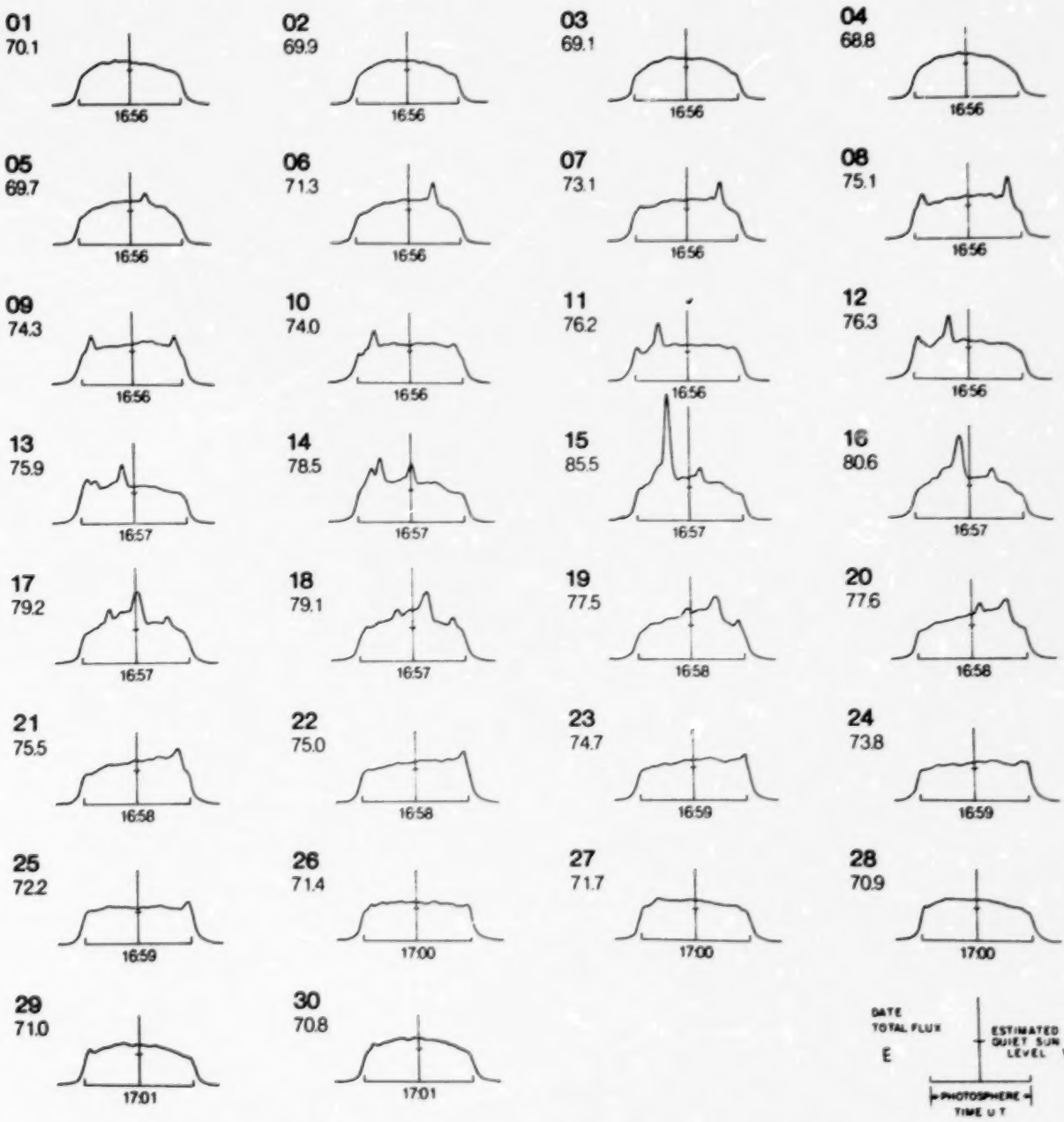


EAST-WEST SOLAR SCANS

NOVEMBER 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution

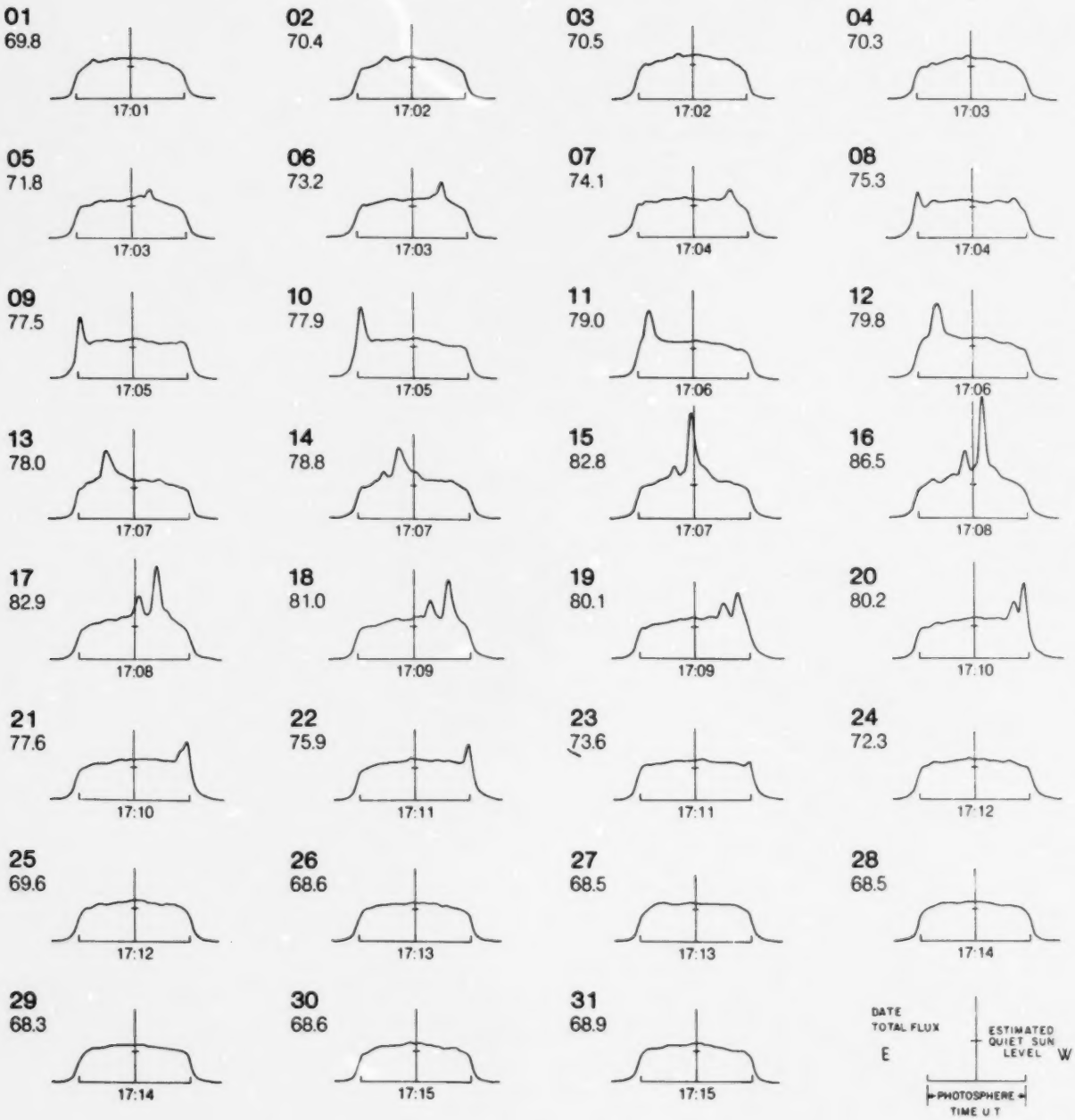


EAST-WEST SOLAR SCANS

DECEMBER 1985

ALGONQUIN RADIO OBSERVATORY
CANADA

10·7 cm
Fan Beam with 1·5 minutes of arc
E-W Resolution



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